LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

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\82D012320S.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	7.920	1010	1020	1025	rBV	315472	784417	2.54%	0.429%
2	7.979	1025	1030	1039	rVB	569249	1273941	4.13%	0.697%
3	8.338	1081	1091	1101	rBV	255144	601121	1.95%	0.329%
4	8.867	1173	1181	1192	rBV	869447	1737299	5.63%	0.951%
5	10.344	1424	1432	1442	rBV	1362725	2479942	8.04%	1.358%
6	11.650	1647	1654	1664	rBV	1136738	2192380	7.11%	1.200%
7	11.750	1665	1671	1680	rVB	563461	981085	3.18%	0.537%
8	11.861	1682	1690	1694	rBV3	155848	394846	1.28%	0.216%
9	12.185	1734	1745	1752	rBV2	244721	735196	2.38%	0.403%
10	12.485	1790	1796	1802	rBV	748271	1290665	4.19%	0.707%
11	12.638	1814	1822	1832	rVB4	1020367	2200235	7.14%	1.205%
12	12.814	1846	1852	1859	rVB4	261223	758258	2.46%	0.415%
13	12.920	1866	1870	1874	rBV	622152	875563	2.84%	0.479%
14	12.967	1874	1878	1883	rVV	495185	761610	2.47%	0.417%
15	13.126	1901	1905	1913	rVB	1019489	1884809	6.11%	1.032%
16	13.191	1913	1916	1919	rVV	299348	439614	1.43%	0.241%
17	13.220	1919	1921	1925	rVV2	246545	323531	1.05%	0.177%
18	13.279	1925	1931	1936	rVV	1668854	2619905	8.50%	1.434%
19	13.467	1950	1963	1969	rBV6	1082100	4003466	12.98%	2.192%
20	13.614	1978	1988	2002	rVB4	1762834	5646355	18.31%	3.091%
21	13.785	2011	2017	2032	rVB	14745763	25398213	82.36%	13.905%
22	13.908	2033	2038	2043	rVB5	503846	875263	2.84%	0.479%
23	14.067	2057	2065	2070	rBV4	629012	1447507	4.69%	0.792%
24	14.126	2071	2075	2080	rVB	1571506	2276631	7.38%	1.246%
25	14.167	2080	2082	2088	rVB2	313043	418295	1.36%	0.229%
26	14.238	2088	2094	2099	rBV2	1782075	3055928	9.91%	1.673%
27	14.291	2101	2103	2110	rVB5	371155	644367	2.09%	0.353%
28	14.379	2110	2118	2121	rBV4	445226	1057676	3.43%	0.579%
29	14.420	2121	2125	2128	rBV3	572638	984972	3.19%	0.539%
30	14.449	2128	2130	2134	rVV	698707	932166	3.02%	0.510%
31	14.491	2134	2137	2141	rVB	867478	1137133	3.69%	0.623%
32	14.538	2141	2145	2148	rBV2	273745	374293	1.21%	0.205%
33	14.585	2149	2153	2160	rBV5	417897	959098	3.11%	0.525%
34	14.726	2171	2177	2182	rBV	2900978	4596174	14.91%	2.516%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

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\82D012320S.M
Title : SW846 8260

35	14.843	2189	2197	2201	rBV2	4019694	8458605	27.43%	4.631%
36	14.885	2201	2204	2213	rVB3	1793525	4164717	13.51%	2.280%
37	14.996	2217	2223	2229	rVB	2649567	4508961	14.62%	2.469%
38	15.226	2256	2262	2268	rBV6	584740	1426447	4.63%	0.781%
39	15.414	2283	2294	2306	rBV	14095400	30766818	99.77%	16.844%
40	15.520	2308	2312	2316	rVV6	443518	779114	2.53%	0.427%
41	15.720	2338	2346	2352	rBV8	667482	2173088	7.05%	1.190%
42	15.790	2354	2358	2365	rVB5	1094377	2130009	6.91%	1.166%
43	16.361	2451	2455	2463	rVB	892077	1613985	5.23%	0.884%
44	16.443	2464	2469	2473	rVV2	662990	1460842	4.74%	0.800%
45	16.514	2474	2481	2493	rVB	8149452	18192285	59.00%	9.960%
46	16.720	2507	2516	2527	rVB	13446594	30836322	100.00%	16.882%

Sum of corrected areas: 182653147

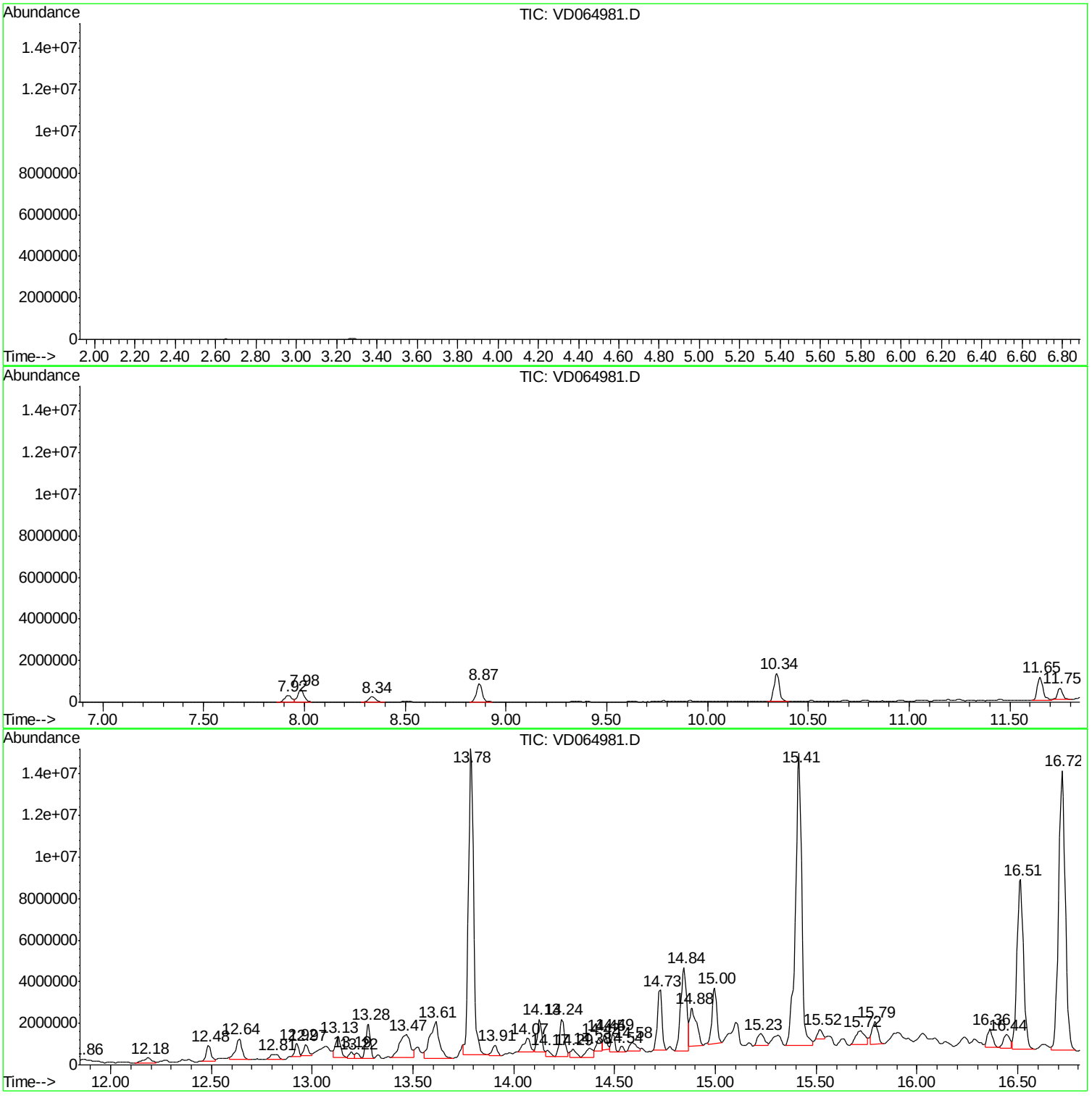
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

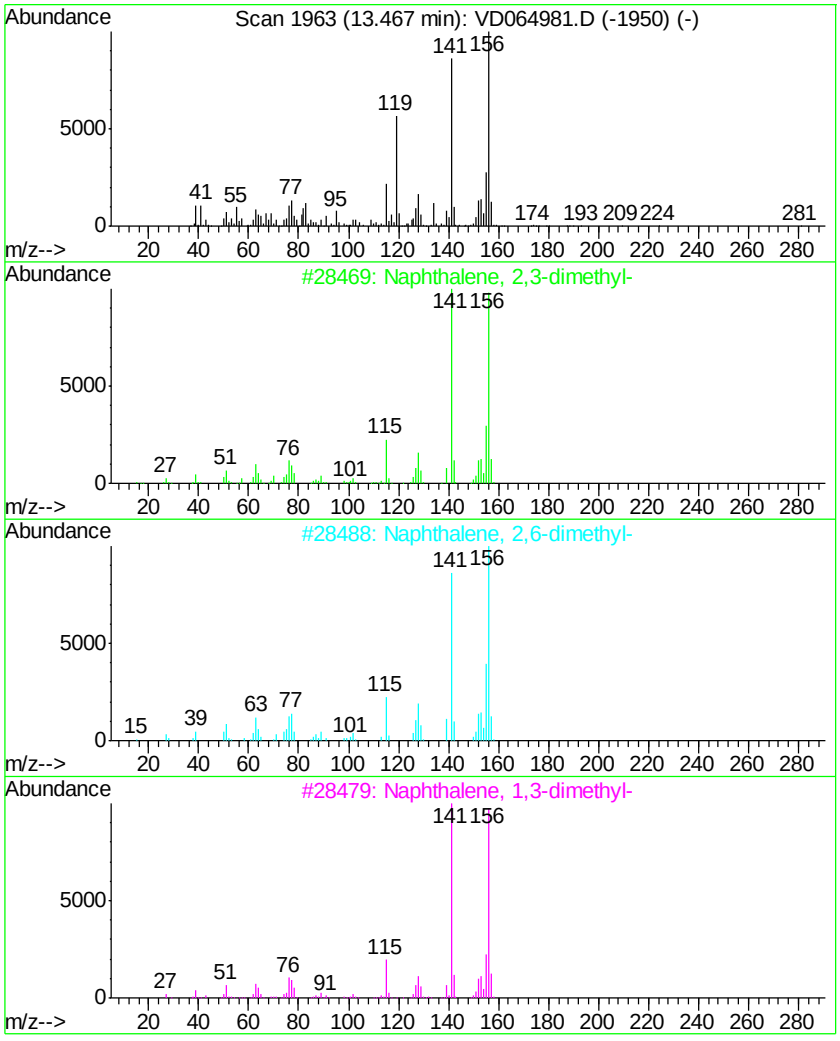
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

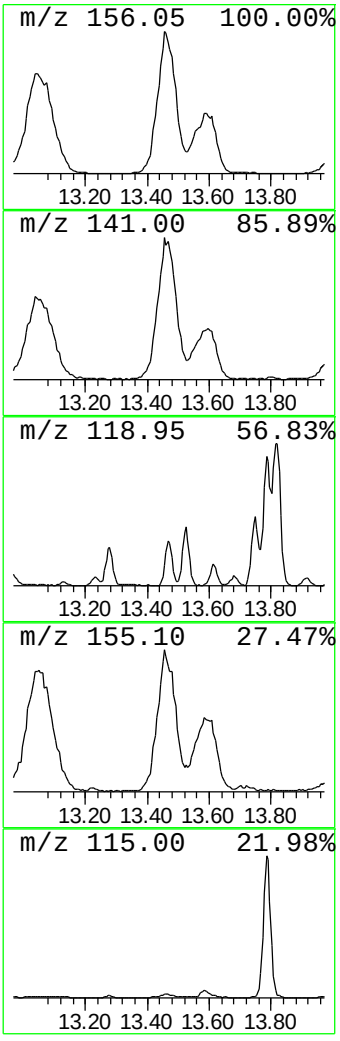
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	35.45 ug/l	4003470	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

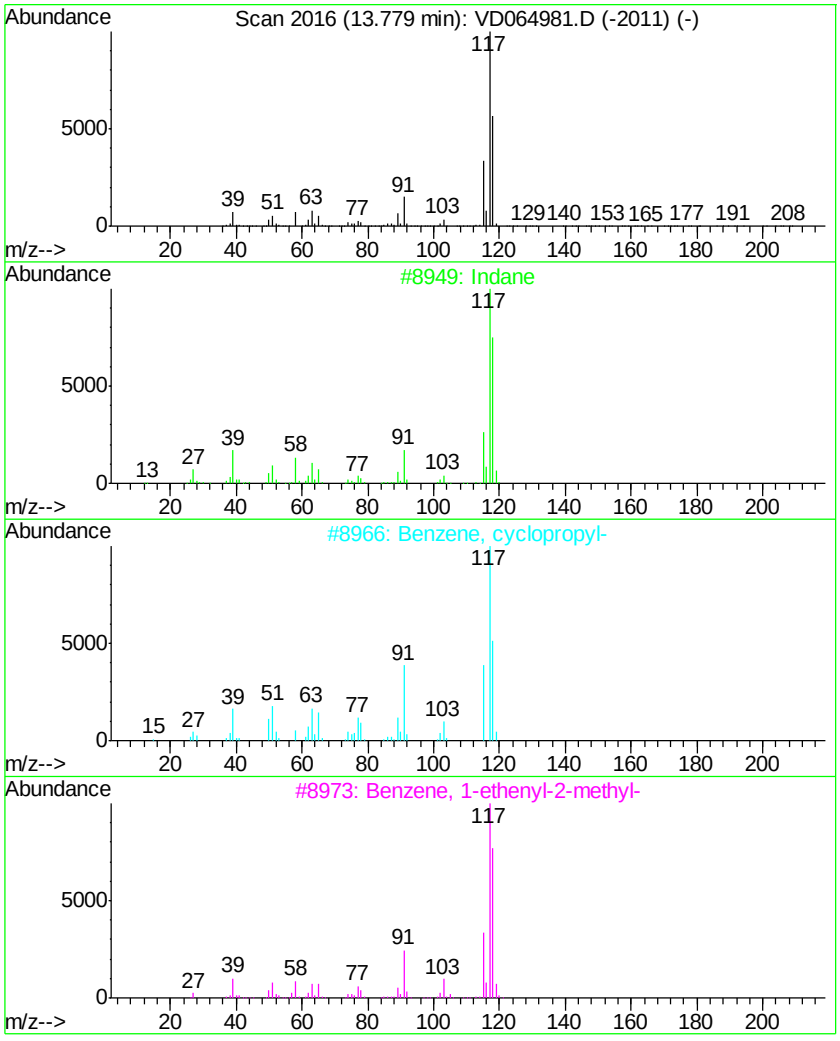
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

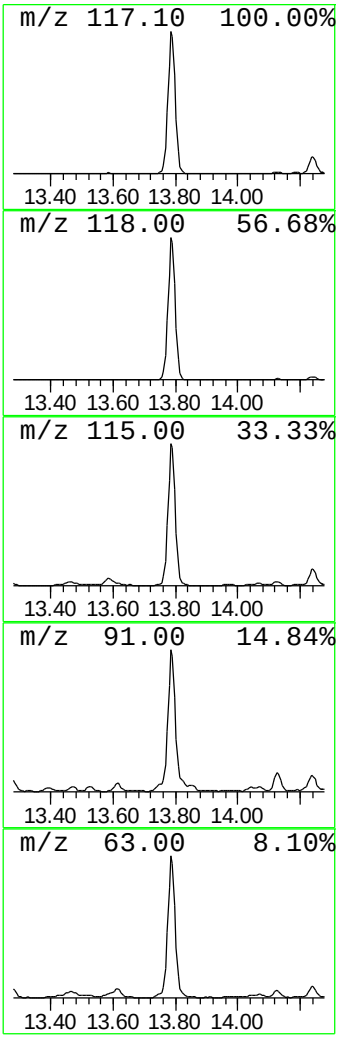
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	224.91 ug/l	25398200	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

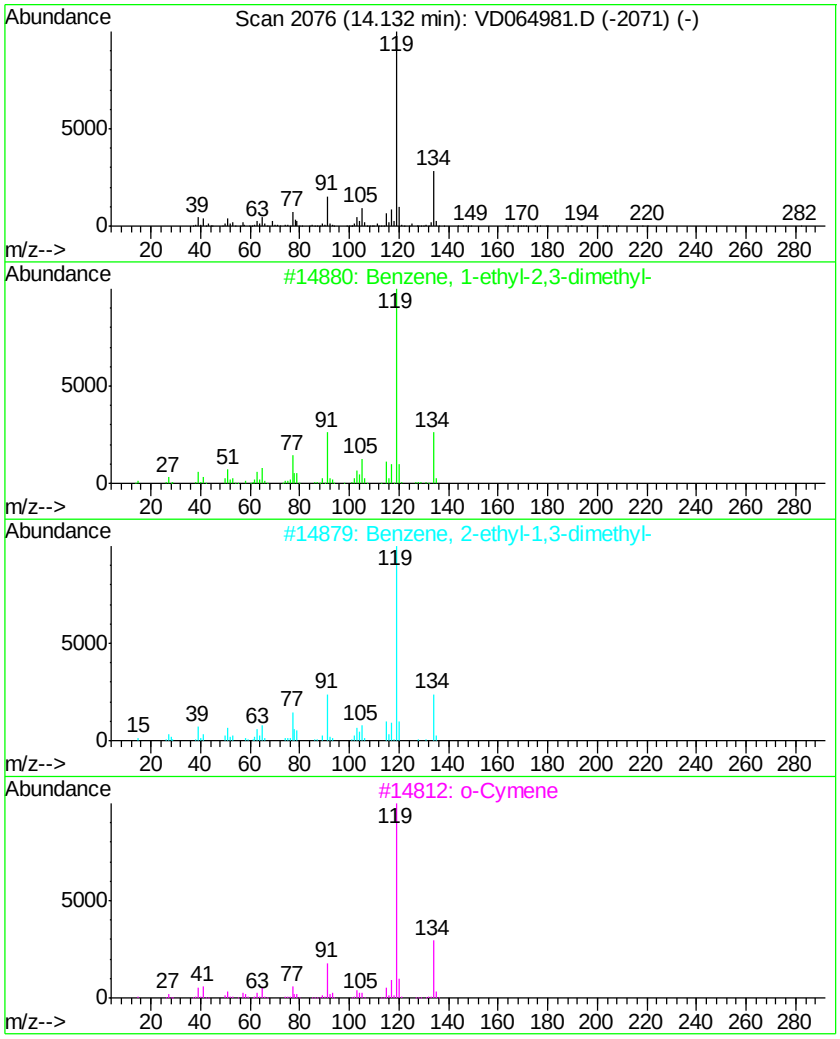
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

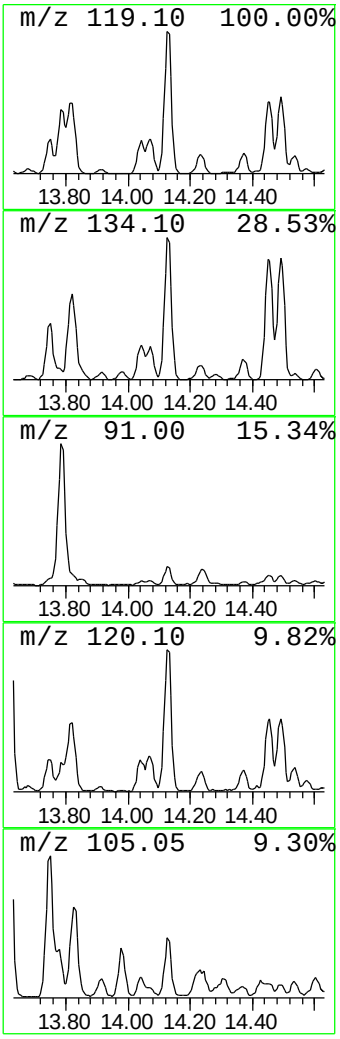
****

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	20.16 ug/l	2276630	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

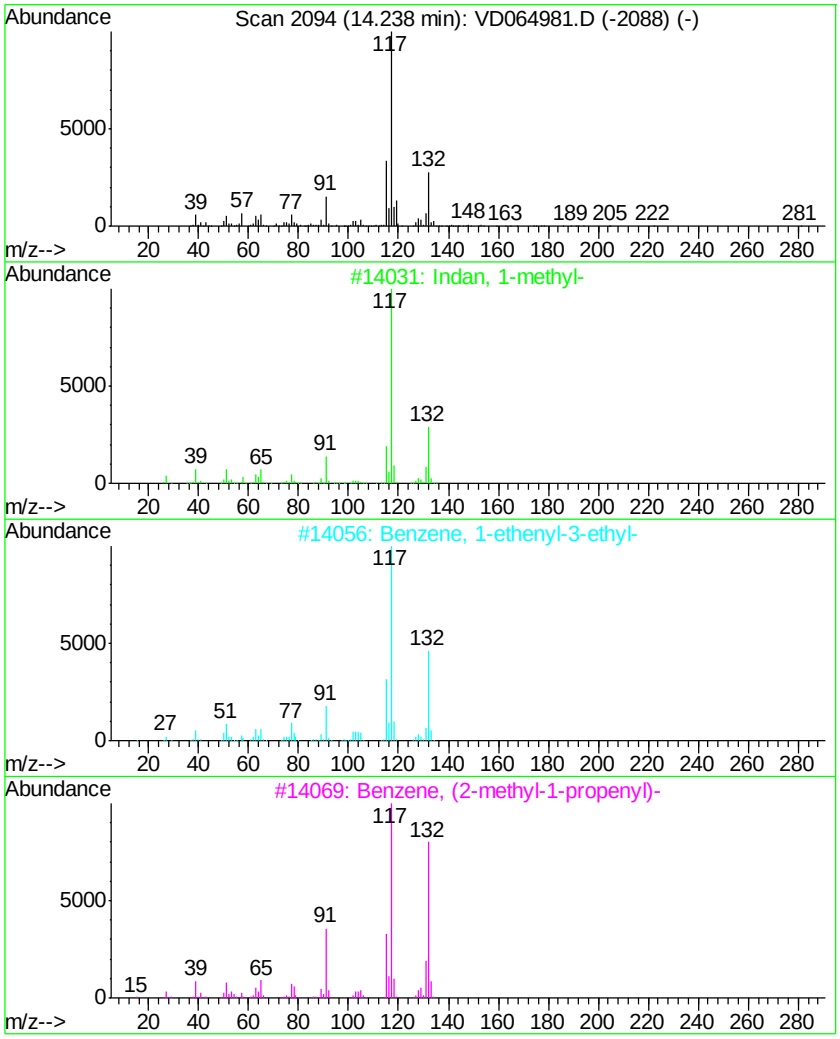
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

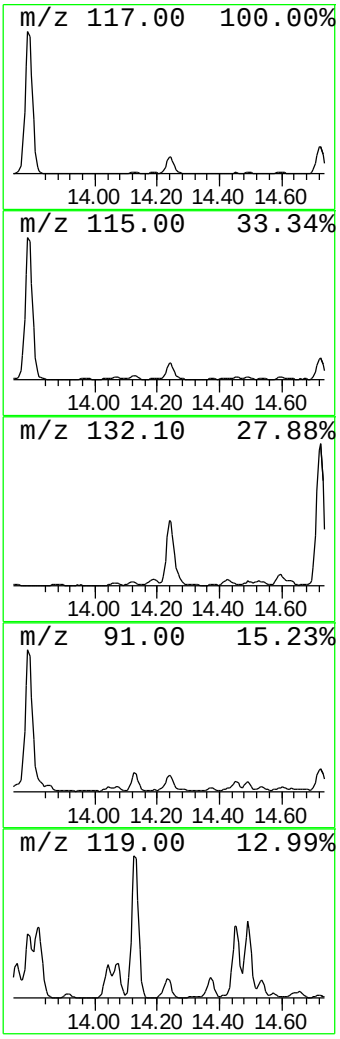
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	27.06 ug/l	3055930	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

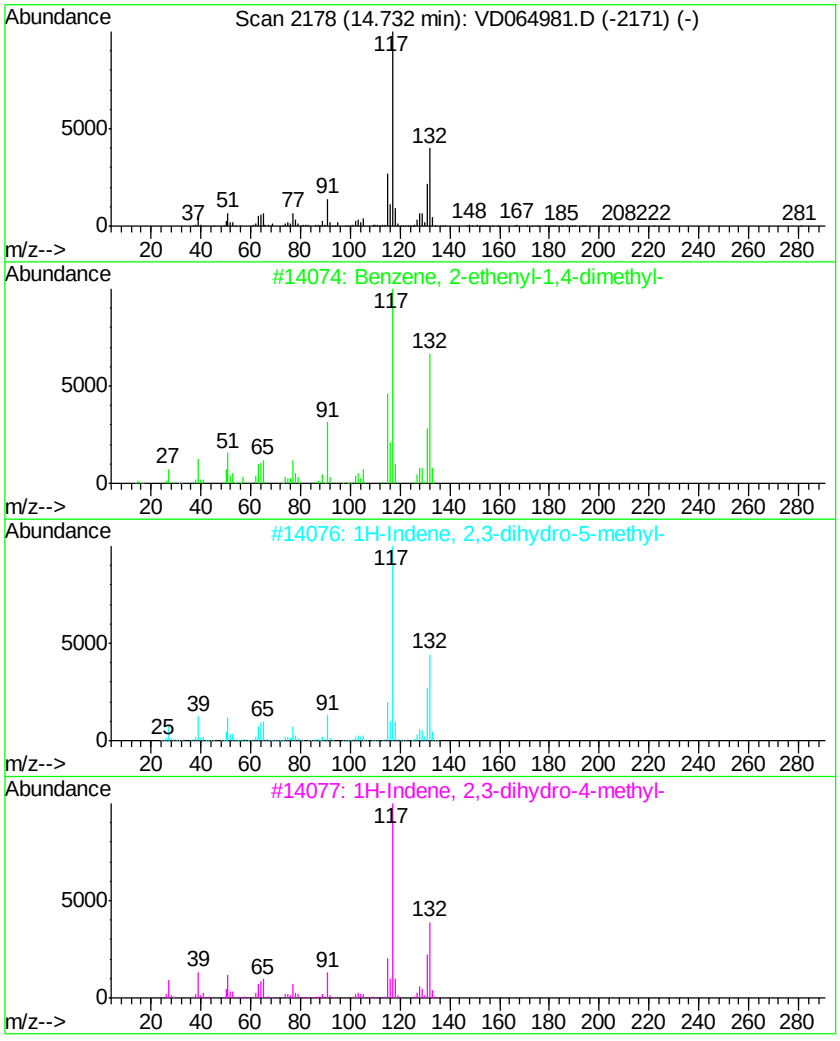
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

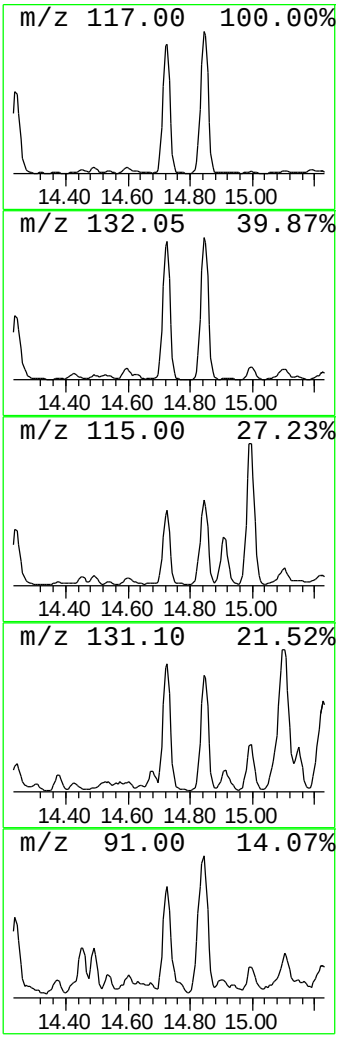
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	40.70 ug/l	4596170	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

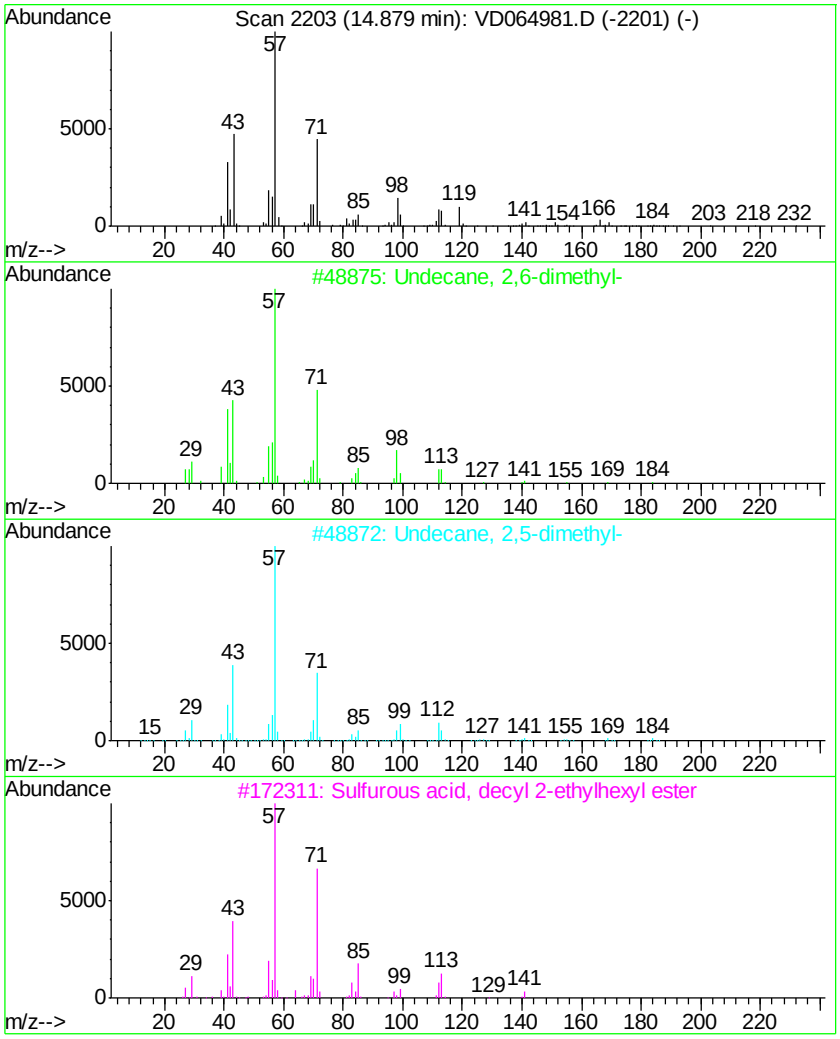
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

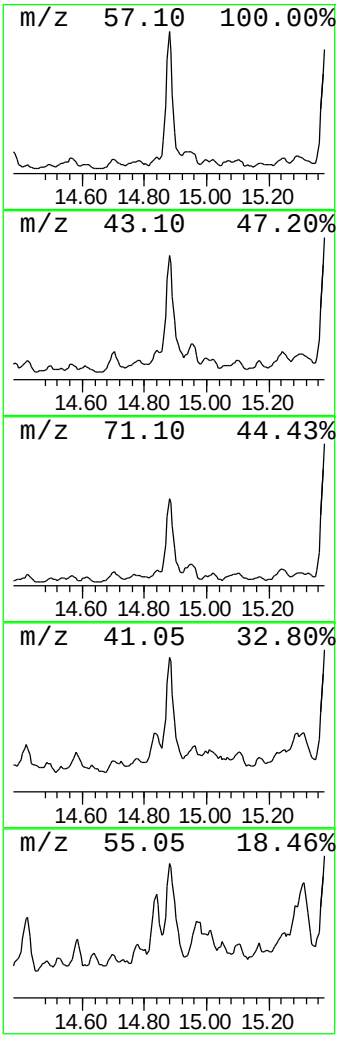
****

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	36.88 ug/l	4164720	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	45
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

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

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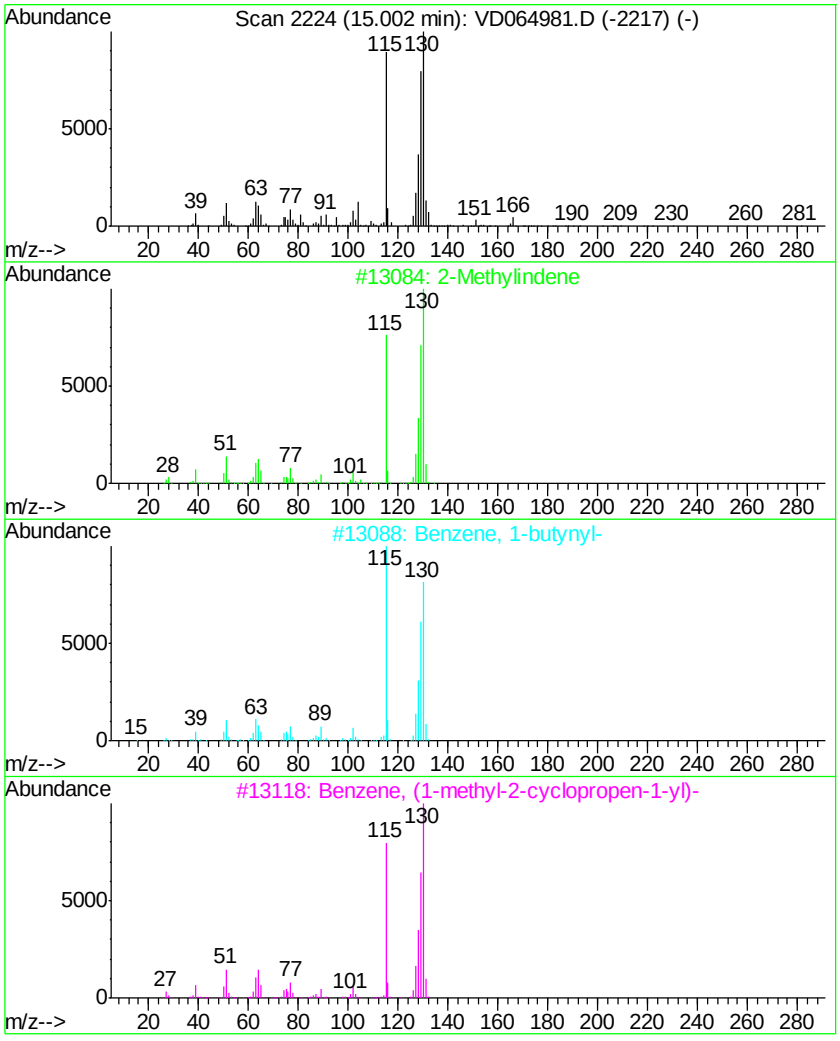
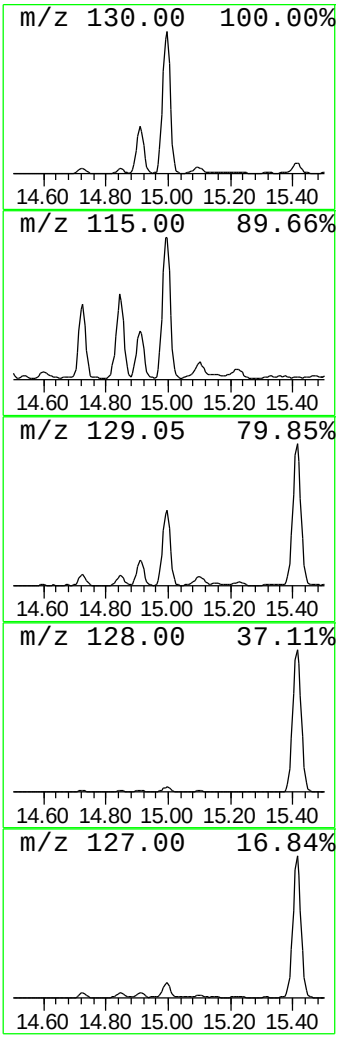
Peak Number 8 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	39.93 ug/l	4508960	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260

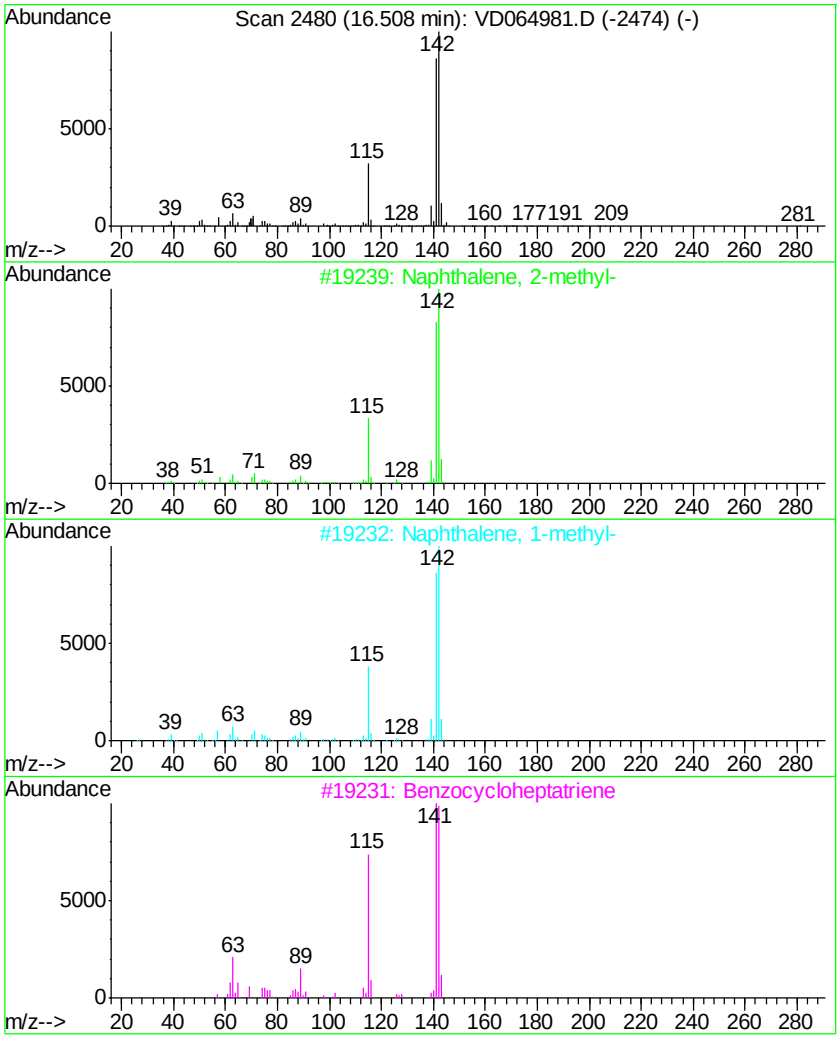
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

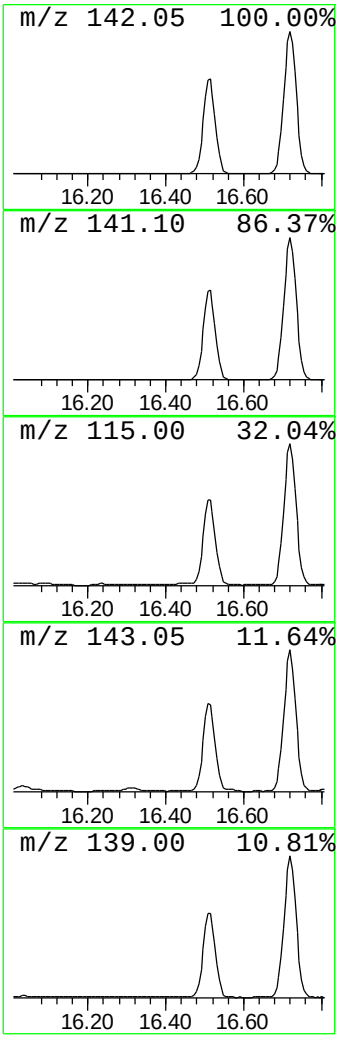
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	161.10 ug/l	18192300	1,4-Dichlorobenzene-d4	13.58

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	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012820\
Data File : VD064981.D
Acq On : 28 Jan 2020 16:19
Operator : VA/SY
Sample : L1287-04
Misc : 6.56G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AOC-3-EXC-PIT-(5)-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.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
Naphthalene, 2,3-...	13.47	35.5	ug/l	4003470	4	13.58	5646360	50.0
Indane	13.78	224.9	ug/l	25398200	4	13.58	5646360	50.0
Benzene, 1-ethyl-...	14.13	20.2	ug/l	2276630	4	13.58	5646360	50.0
Indan, 1-methyl-	14.24	27.1	ug/l	3055930	4	13.58	5646360	50.0
Benzene, 2-etheny...	14.73	40.7	ug/l	4596170	4	13.58	5646360	50.0
Undecane, 2,6-dim...	14.88	36.9	ug/l	4164720	4	13.58	5646360	50.0
2-Methylindene	15.00	39.9	ug/l	4508960	4	13.58	5646360	50.0
Naphthalene, 1-me...	16.51	161.1	ug/l	18192300	4	13.58	5646360	50.0