LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
Data File : VD065711.D
Acq On : 07 May 2020 14:19
Operator : VA/SY
Sample : L2531-05
Misc : 6.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-15-(1-2)

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\82D050620S.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	4.962	506	517	532	rBV2	24883	92666	3.39%	0.539%
2	7.914	1010	1019	1025	rBV	296623	733693	26.86%	4.267%
3	7.985	1025	1031	1040	rVV	503667	1145388	41.94%	6.661%
4	8.332	1080	1090	1102	rBV	259668	594995	21.79%	3.460%
5	8.508	1109	1120	1128	rVB3	46509	117910	4.32%	0.686%
6	8.867	1172	1181	1197	rBV	790594	1589952	58.22%	9.246%
7	9.355	1251	1264	1269	rBV5	20981	53402	1.96%	0.311%
8	9.785	1329	1337	1347	rVB	55232	112236	4.11%	0.653%
9	9.914	1349	1359	1366	rBV2	76211	161502	5.91%	0.939%
10	10.267	1410	1419	1424	rBV2	17958	32604	1.19%	0.190%
11	10.344	1424	1432	1441	rBV	1218363	2216099	81.14%	12.888%
12	10.520	1455	1462	1468	rVB5	15291	37459	1.37%	0.218%
13	10.726	1493	1497	1501	rVV2	16361	29904	1.09%	0.174%
14	10.779	1501	1506	1517	rVV7	19597	46643	1.71%	0.271%
15	11.455	1614	1621	1629	rVB9	15563	39680	1.45%	0.231%
16	11.649	1645	1654	1665	rBV	1041488	1820840	66.67%	10.589%
17	11.861	1681	1690	1693	rBV3	22751	52404	1.92%	0.305%
18	12.185	1732	1745	1752	rBV4	33215	86695	3.17%	0.504%
19	12.491	1792	1797	1805	rVB	105038	174663	6.40%	1.016%
20	12.638	1815	1822	1829	rBV	817695	1368782	50.12%	7.960%
21	12.744	1835	1840	1845	rVV3	41836	77895	2.85%	0.453%
22	12.955	1871	1876	1888	rVB8	24876	66727	2.44%	0.388%
23	13.049	1888	1892	1898	rVV5	19650	33119	1.21%	0.193%
24	13.114	1898	1903	1913	rVB3	80636	153001	5.60%	0.890%
25	13.273	1925	1930	1935	rBV2	23493	37468	1.37%	0.218%
26	13.420	1949	1955	1960	rBV6	34862	61824	2.26%	0.360%
27	13.473	1960	1964	1971	rBV5	25079	59326	2.17%	0.345%
28	13.585	1976	1983	1993	rVB	940428	1610712	58.98%	9.367%
29	13.785	2011	2017	2027	rVB	206239	335088	12.27%	1.949%
30	13.908	2032	2038	2042	rBV6	18141	34805	1.27%	0.202%
31	13.967	2042	2048	2055	rVV2	91141	156061	5.71%	0.908%
32	14.032	2055	2059	2064	rVV6	15790	32420	1.19%	0.189%
33	14.120	2068	2074	2081	rVB2	52461	112521	4.12%	0.654%
34	14.238	2088	2094	2099	rBV2	48705	78053	2.86%	0.454%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
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Integration Parameters: RTEINT.P
Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Title : SW846 8260

35	14.420	2120	2125	2128	rBV5	25428	45932	1.68%	0.267%
36	14.449	2128	2130	2135	rVV4	24468	36366	1.33%	0.211%
37	14.532	2139	2144	2148	rVV4	22858	41019	1.50%	0.239%
38	14.726	2172	2177	2180	rBV2	22352	38351	1.40%	0.223%
39	14.761	2180	2183	2188	rVB6	18296	30456	1.12%	0.177%
40	14.843	2189	2197	2203	rBV3	86027	188065	6.89%	1.094%
41	14.896	2203	2206	2213	rVB7	22225	41031	1.50%	0.239%
42	14.990	2217	2222	2228	rBV6	28798	52034	1.91%	0.303%
43	15.108	2236	2242	2246	rBV7	24917	45301	1.66%	0.263%
44	15.220	2256	2261	2268	rVB4	25239	55066	2.02%	0.320%
45	15.414	2283	2294	2301	rBV	1481942	2731158	100.00%	15.883%
46	15.514	2306	2311	2316	rVV	42511	70086	2.57%	0.408%
47	15.702	2338	2343	2350	rBV4	15695	33687	1.23%	0.196%
48	16.243	2426	2435	2440	rBV9	17665	44315	1.62%	0.258%
49	16.443	2461	2469	2474	rBV8	23614	56770	2.08%	0.330%
50	16.508	2474	2480	2486	rVV3	81908	177196	6.49%	1.030%
51	16.720	2508	2516	2527	rBV	56888	152256	5.57%	0.885%

Sum of corrected areas: 17195626

LSC Report - Integrated Chromatogram

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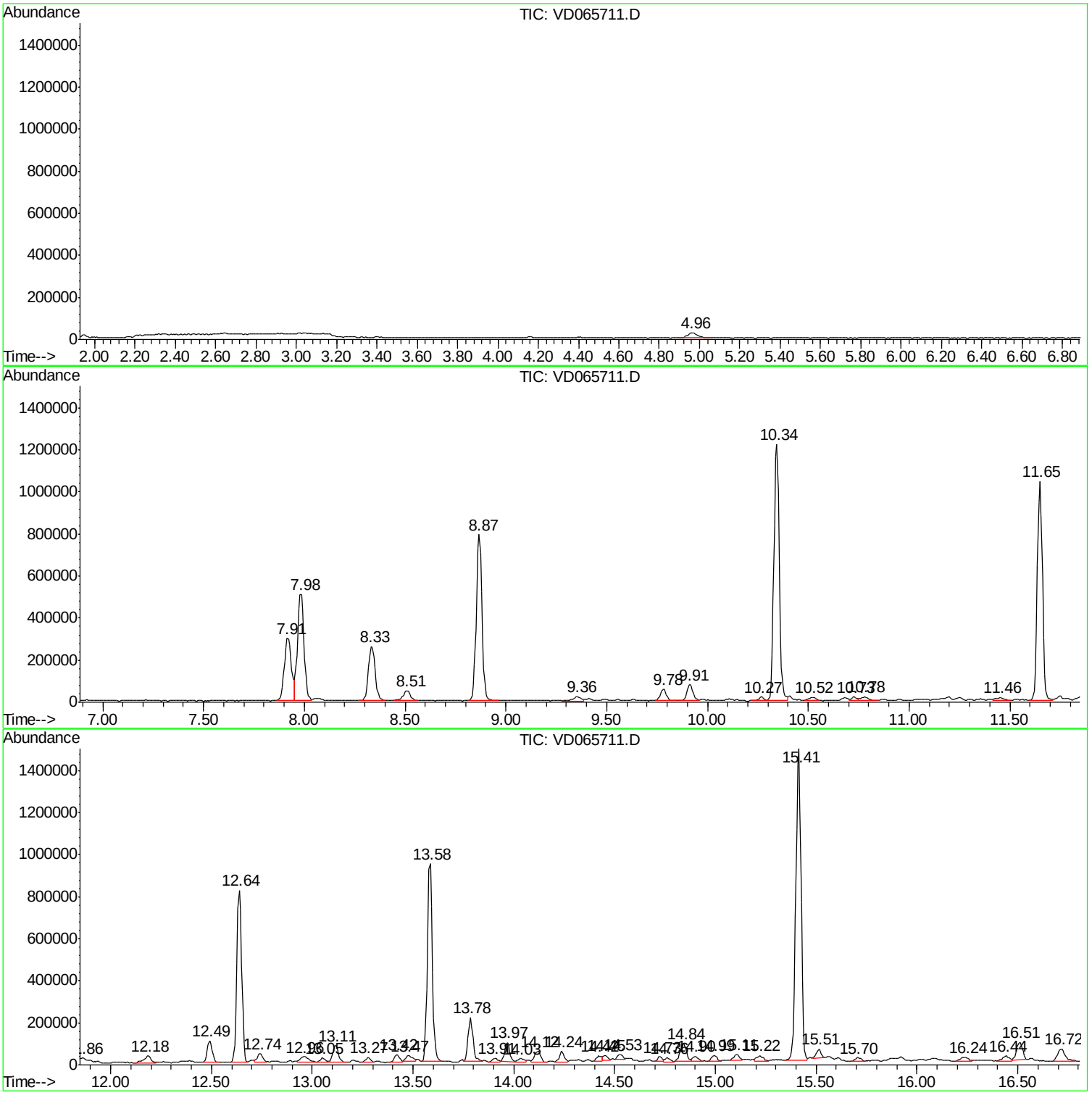
Misc : 6.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-15-(1-2)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Instrument : MSVOA_D
ClientSampleId : TP-15-(1-2)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260

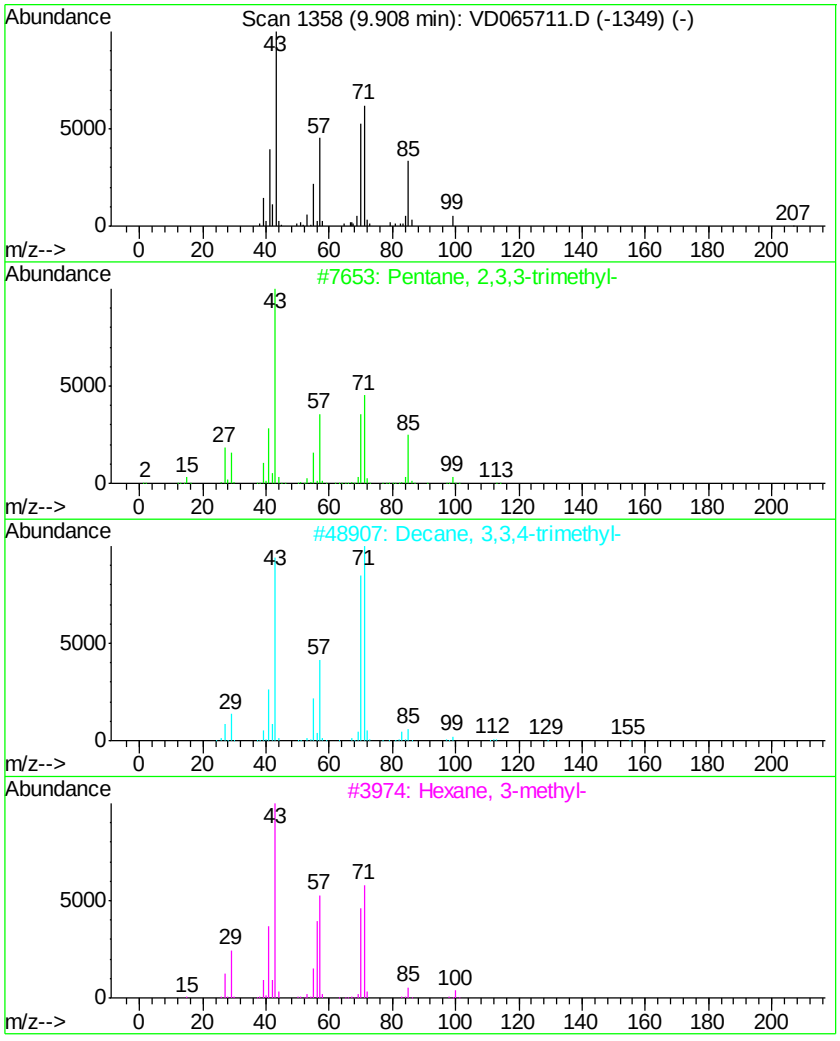
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

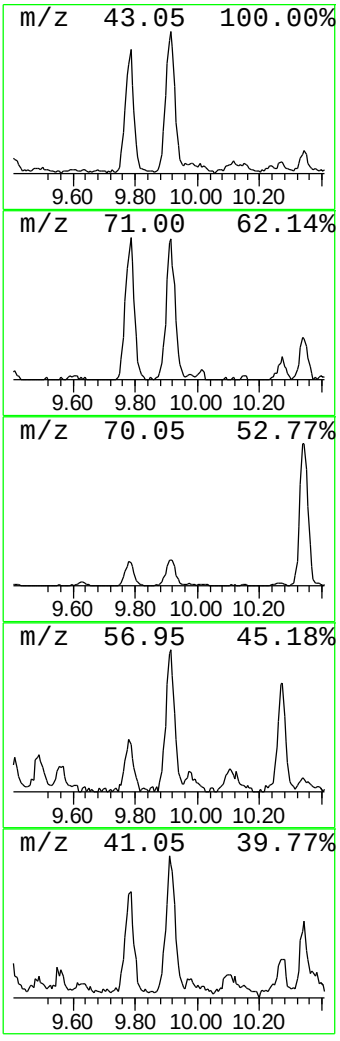
****

Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	5.08 ug/l	161502	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





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Instrument : MSVOA_D
ClientSampleId : TP-15-(1-2)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260

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

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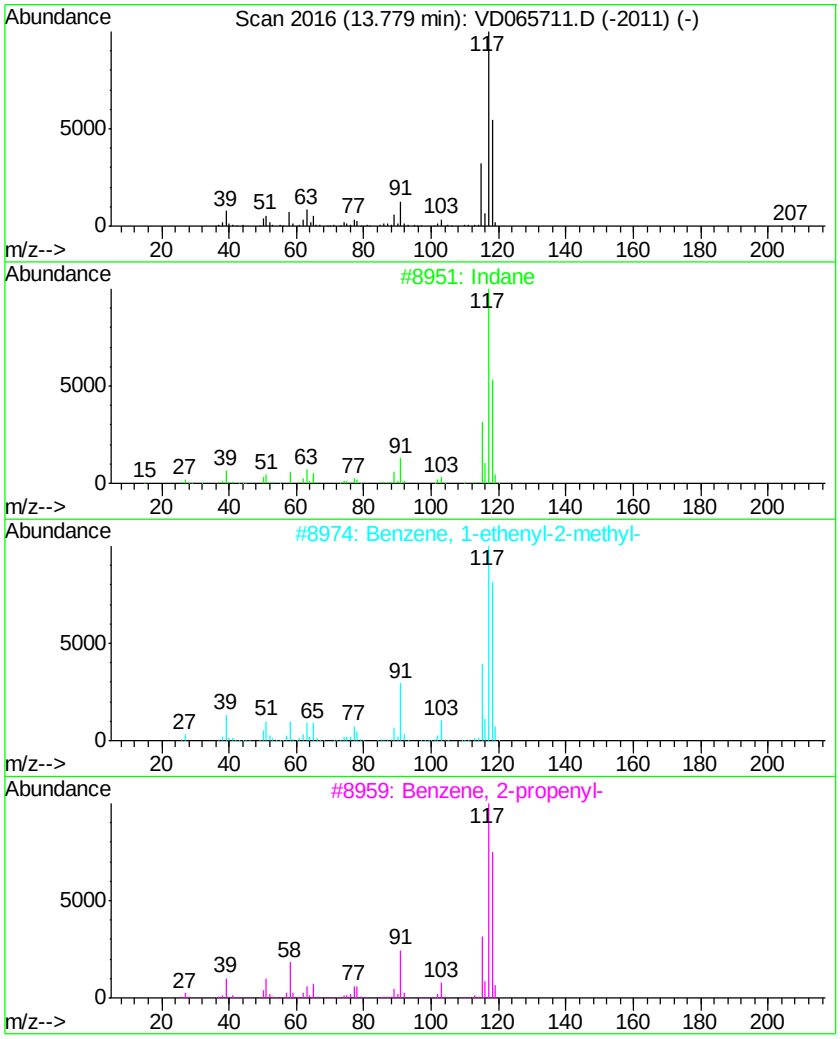
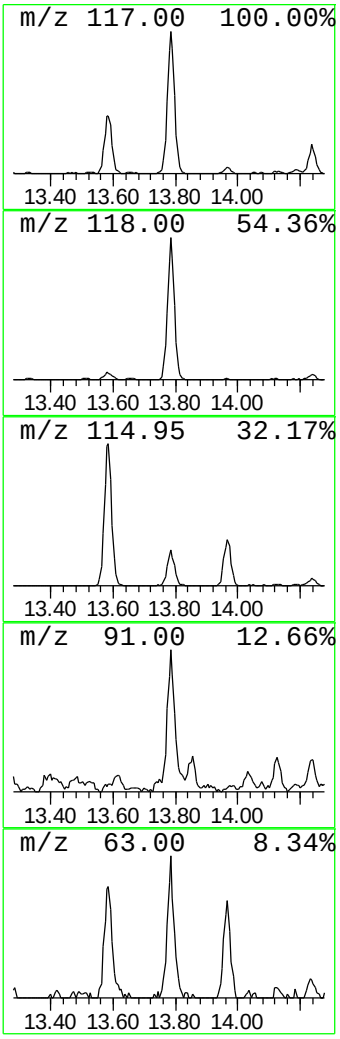
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	10.40 ug/l	335088	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Instrument : MSVOA_D
ClientSampleId : TP-15-(1-2)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260

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

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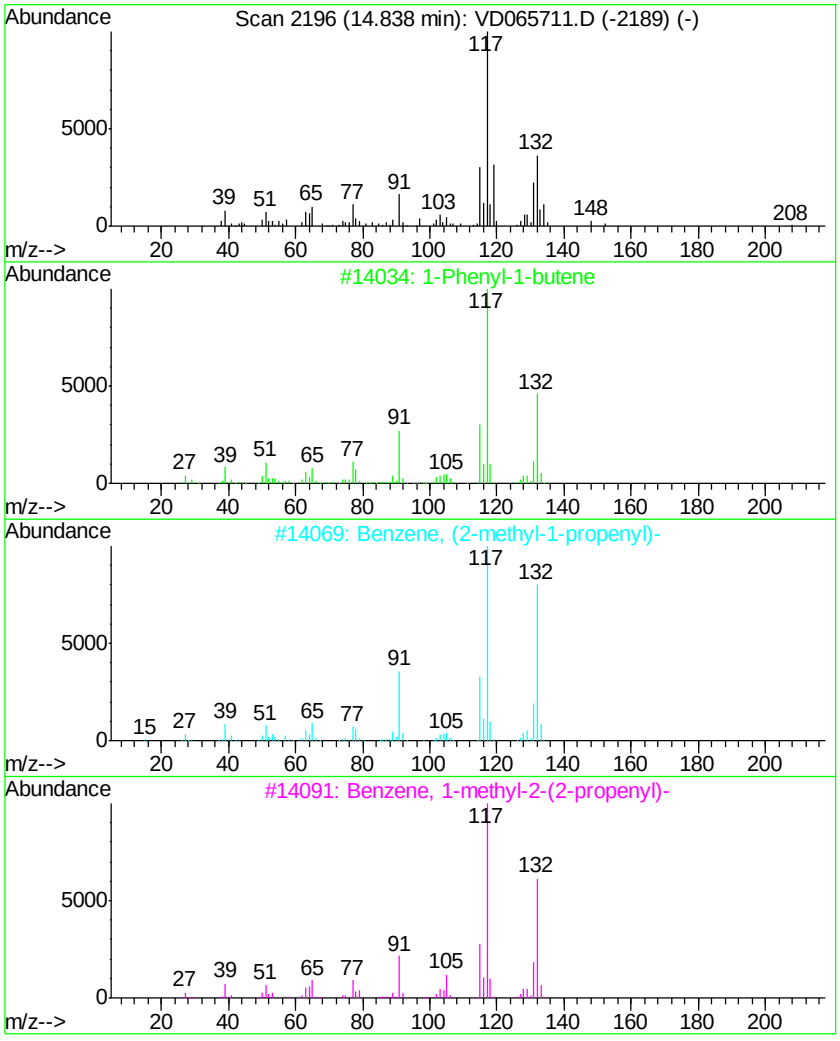
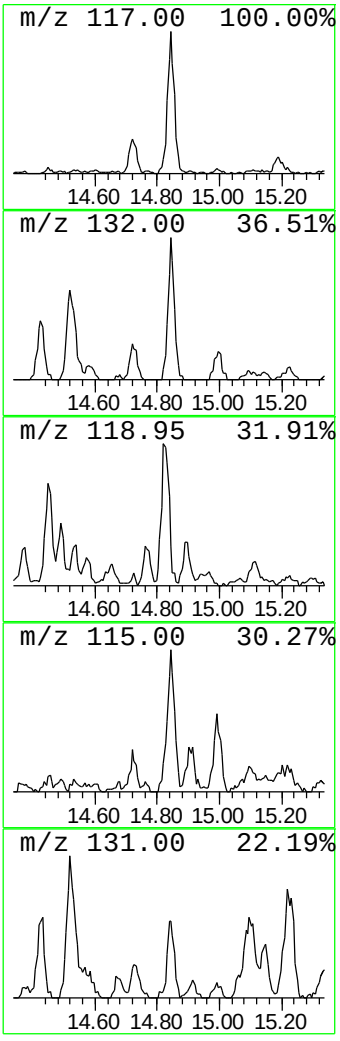
Peak Number 3 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.84 ug/l	188065	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90





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Quant Title : SW846 8260

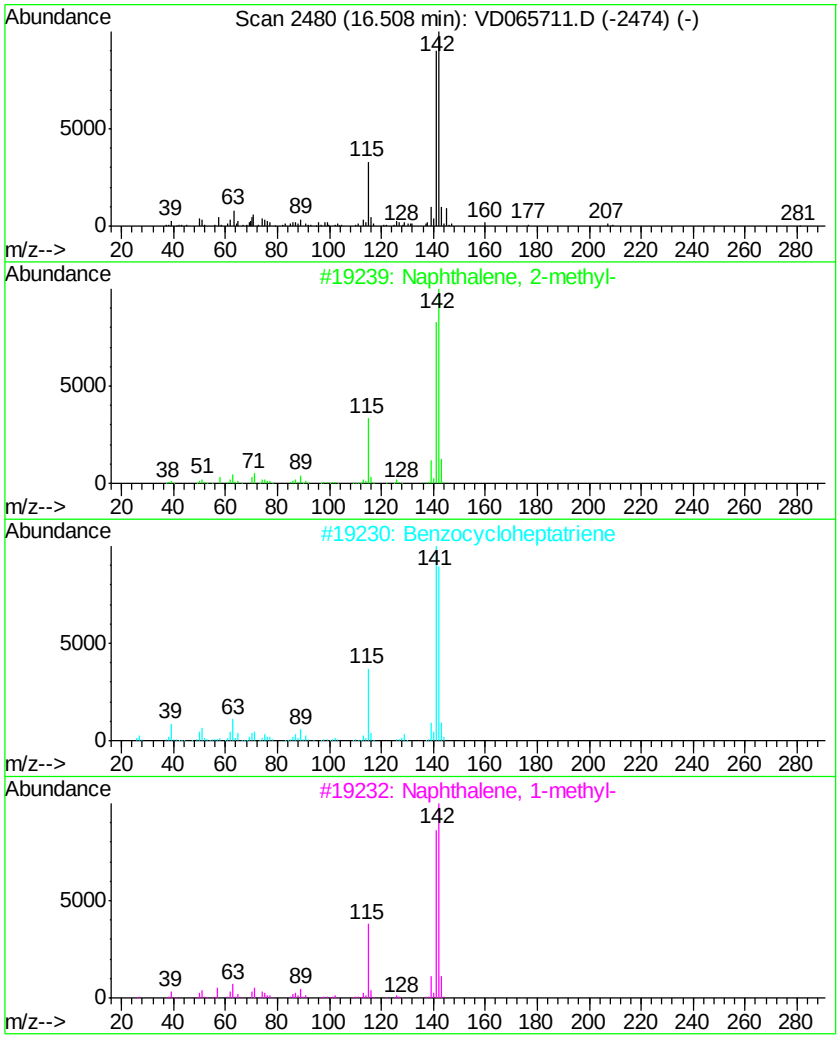
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

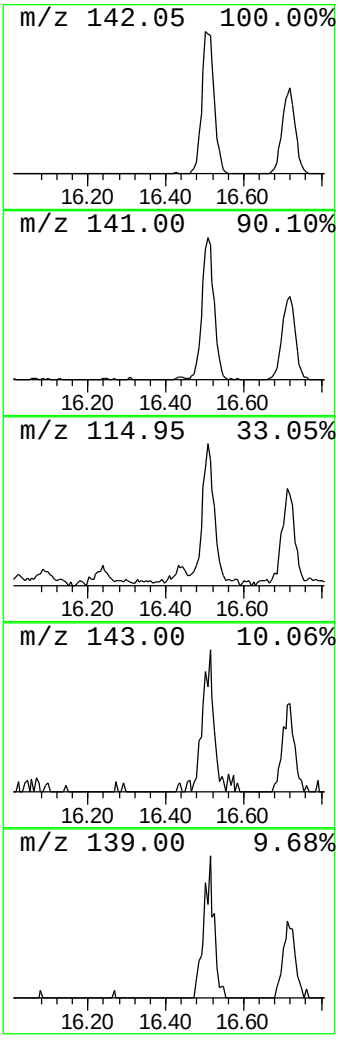
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.50 ug/l	177196	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,3-tr...	9.91	5.1	ug/l	161502	2	8.87	1589950	50.0
Indane	13.78	10.4	ug/l	335088	4	13.58	1610710	50.0
1-Phenyl-1-butene	14.84	5.8	ug/l	188065	4	13.58	1610710	50.0
Naphthalene, 2-me...	16.51	5.5	ug/l	177196	4	13.58	1610710	50.0