LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
Data File : VD063940.D
Acq On : 11 Oct 2019 16:40
Operator : VA/SY
Sample : K5325-05
Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

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\82D100219S.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	2.238	45	54	55	rBV3	7017	17342	1.76%	0.256%
2	2.321	63	68	71	rBV6	8880	13999	1.42%	0.206%
3	7.920	1012	1020	1025	rBV2	128527	308728	31.30%	4.553%
4	7.985	1025	1031	1042	rVB	200630	448592	45.48%	6.615%
5	8.338	1081	1091	1101	rBV	111332	257883	26.15%	3.803%
6	8.867	1172	1181	1191	rBV	329034	652445	66.15%	9.622%
7	10.344	1423	1432	1441	rBV	531166	986298	100.00%	14.545%
8	10.726	1491	1497	1503	rBV4	13604	28709	2.91%	0.423%
9	11.649	1646	1654	1661	rBV	475219	848334	86.01%	12.510%
10	12.632	1814	1821	1832	rVB	373100	642024	65.09%	9.468%
11	12.949	1869	1875	1883	rBV6	8175	17001	1.72%	0.251%
12	13.579	1974	1982	1990	rBV	501880	830265	84.18%	12.244%
13	13.896	2031	2036	2043	rVB5	10695	15448	1.57%	0.228%
14	14.038	2053	2060	2062	rVV6	6710	12823	1.30%	0.189%
15	14.061	2062	2064	2068	rVV3	8989	11805	1.20%	0.174%
16	14.120	2068	2074	2081	rVB5	21688	37495	3.80%	0.553%
17	14.226	2086	2092	2098	rBV7	25661	46290	4.69%	0.683%
18	14.361	2110	2115	2120	rBV6	8896	16311	1.65%	0.241%
19	14.414	2120	2124	2125	rBV4	16298	18803	1.91%	0.277%
20	14.449	2125	2130	2132	rVV3	27753	45304	4.59%	0.668%
21	14.485	2132	2136	2140	rVV	50342	63443	6.43%	0.936%
22	14.526	2140	2143	2146	rVV3	29782	40815	4.14%	0.602%
23	14.567	2146	2150	2154	rVB	26990	32450	3.29%	0.479%
24	14.667	2162	2167	2171	rVB2	24153	38976	3.95%	0.575%
25	14.714	2171	2175	2178	rBV5	20106	35805	3.63%	0.528%
26	14.755	2178	2182	2187	rVB3	63640	108676	11.02%	1.603%
27	14.820	2187	2193	2200	rBV3	103233	237525	24.08%	3.503%
28	14.885	2200	2204	2209	rVV	54170	107656	10.92%	1.588%
29	14.926	2209	2211	2221	rVB4	25407	51491	5.22%	0.759%
30	15.014	2221	2226	2232	rBV3	16508	35292	3.58%	0.520%
31	15.102	2234	2241	2253	rVV2	93594	239367	24.27%	3.530%
32	15.208	2253	2259	2269	rVV4	53233	135895	13.78%	2.004%
33	15.290	2269	2273	2279	rVB6	22516	37575	3.81%	0.554%
34	15.361	2280	2285	2289	rBV7	23052	40872	4.14%	0.603%

LSC Area Percent Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Title : SW846 8260

35	15.396	2289	2291	2297	rVV5	16786	26617	2.70%	0.393%
36	15.455	2297	2301	2305	rVB7	8127	11562	1.17%	0.171%
37	15.508	2305	2310	2315	rBV5	29718	56018	5.68%	0.826%
38	15.561	2316	2319	2320	rVV2	12441	15597	1.58%	0.230%
39	15.596	2322	2325	2331	rVB2	29859	44893	4.55%	0.662%
40	15.696	2337	2342	2348	rBV6	17377	42132	4.27%	0.621%
41	15.826	2362	2364	2370	rBV7	9927	17357	1.76%	0.256%
42	15.985	2385	2391	2393	rBV6	14588	23320	2.36%	0.344%
43	16.279	2438	2441	2446	rVB6	8362	11224	1.14%	0.166%
44	16.343	2448	2452	2457	rBV8	11341	21907	2.22%	0.323%
45	16.561	2483	2489	2495	rBV6	23010	48641	4.93%	0.717%

Sum of corrected areas: 6781005

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
Data File : VD063940.D
Acq On : 11 Oct 2019 16:40
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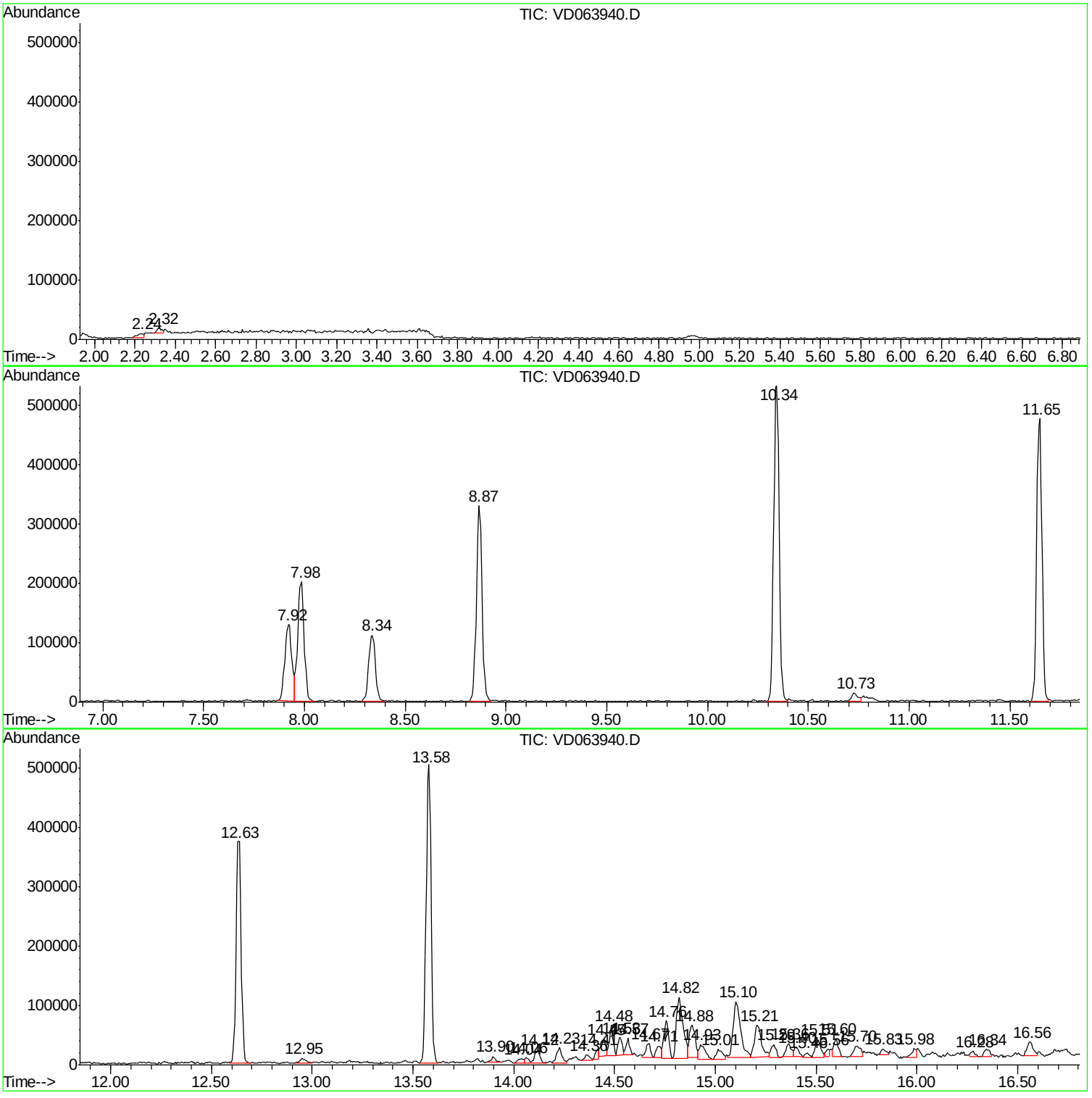
Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
10-10-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
Data File : VD063940.D
Acq On : 11 Oct 2019 16:40
Operator : VA/SY
Sample : K5325-05
Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260

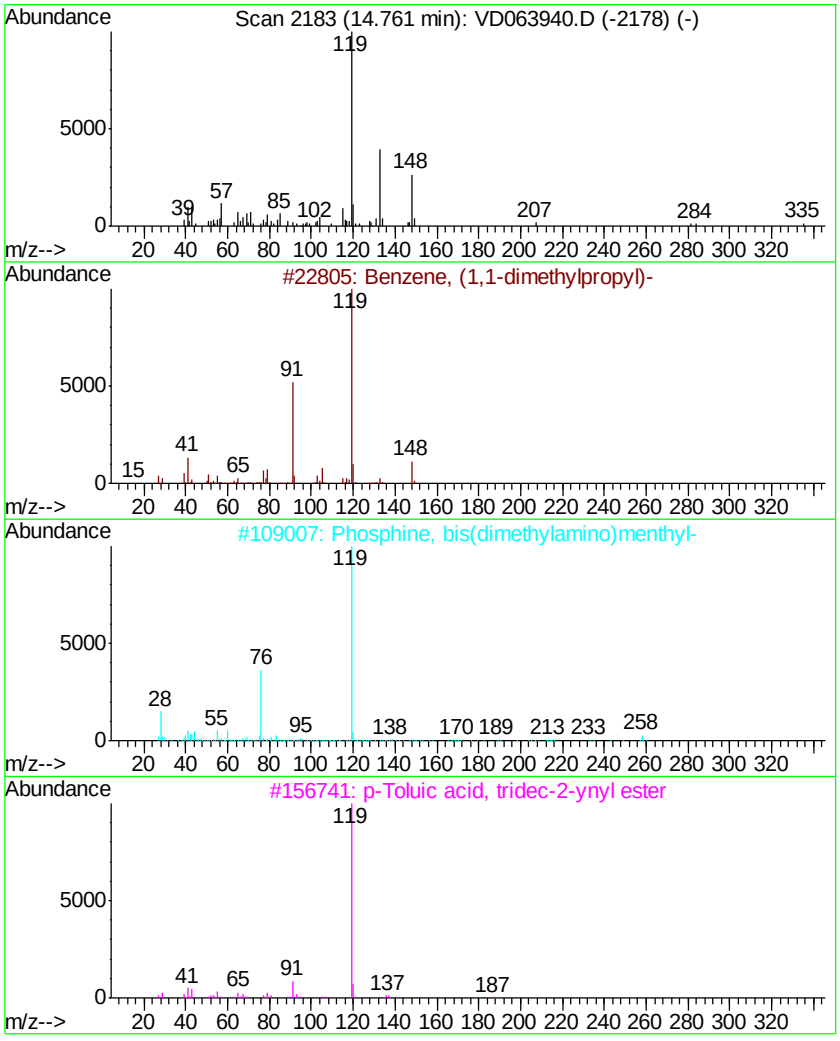
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

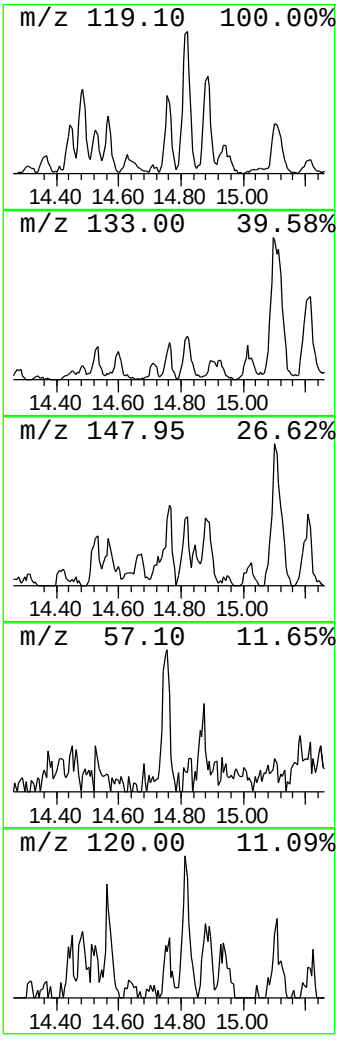
****

Peak Number 1 Benzene, (1,1-dimethylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.54 ug/l	108676	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
2	Phosphine, bis(dimethylamino)men...	258	C14H31N2P	1000150-77-6	38
3	p-Toluic acid, tridec-2-ynyl ester	314	C21H30O2	1000292-50-9	38
4	m-Toluic acid, undec-2-enyl ester	288	C19H28O2	1000292-61-3	38
5	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
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Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260

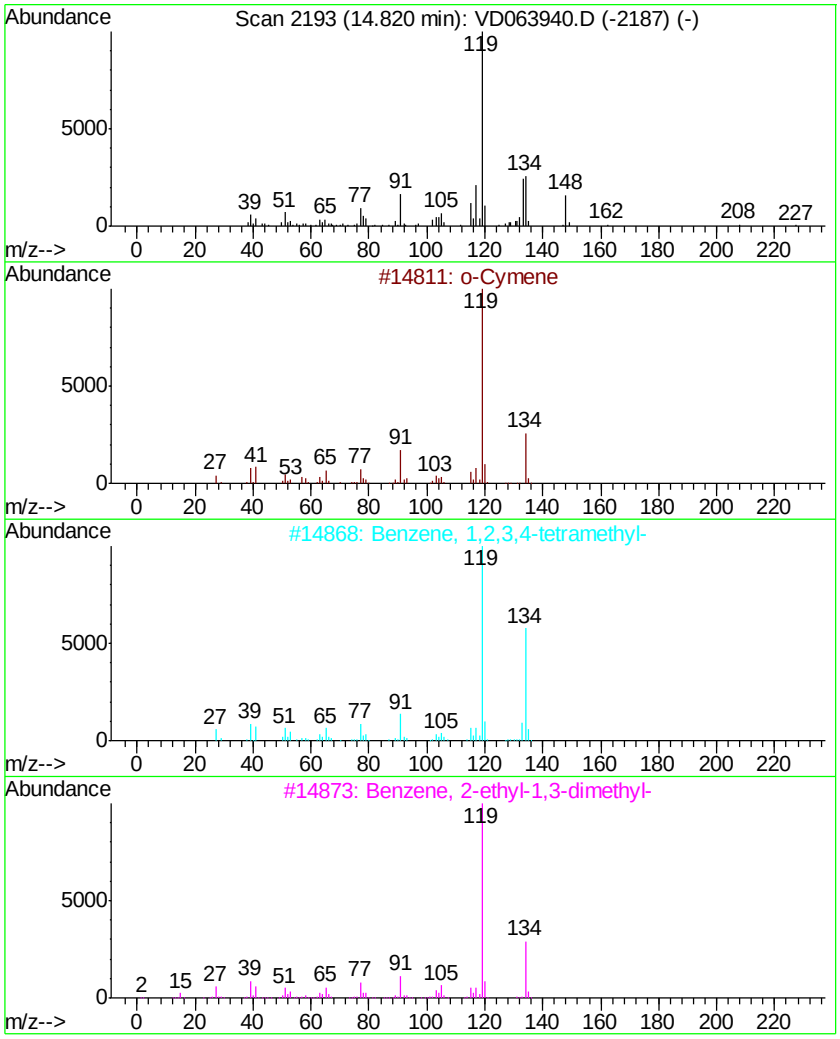
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

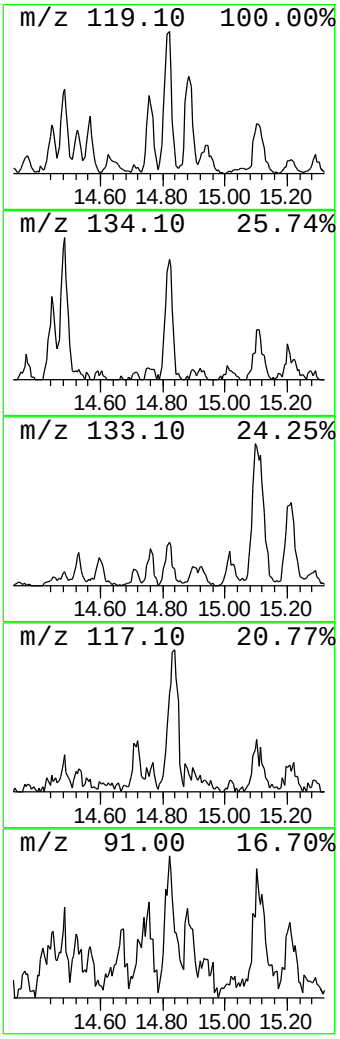
****

Peak Number 2 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.30 ug/l	237525	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	p-Cymene	134	C10H14	000099-87-6	68
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

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Data File : VD063940.D
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Operator : VA/SY
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Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260

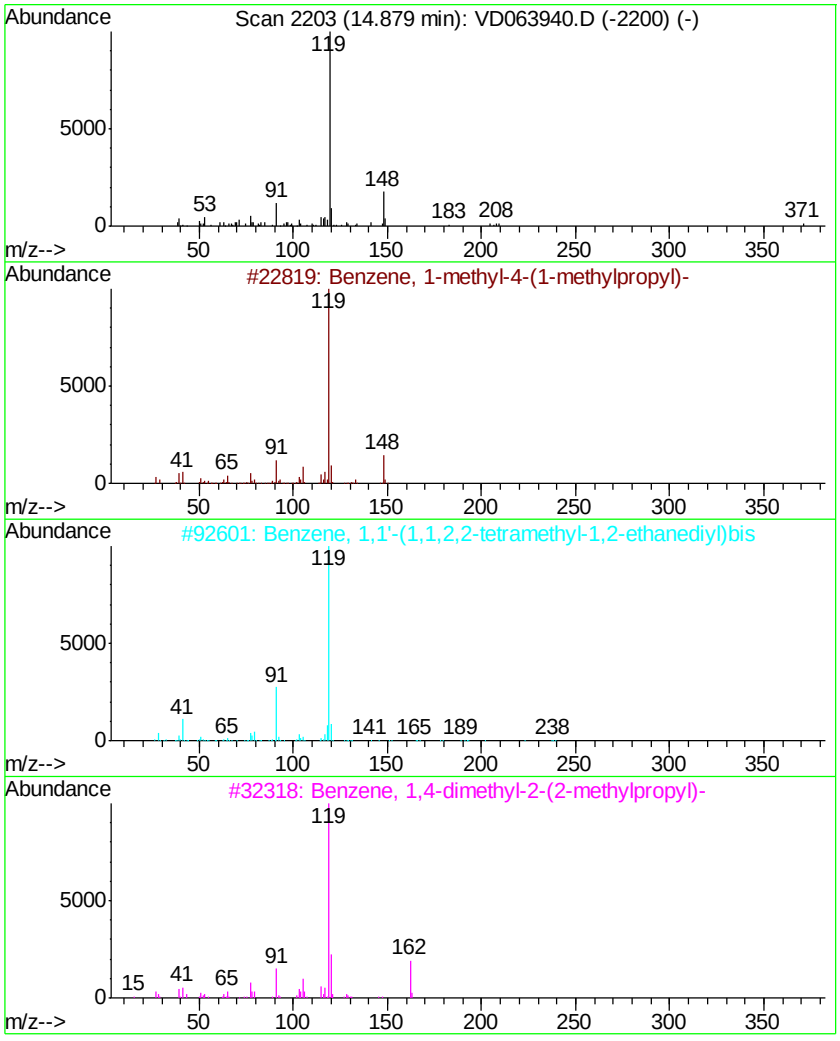
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

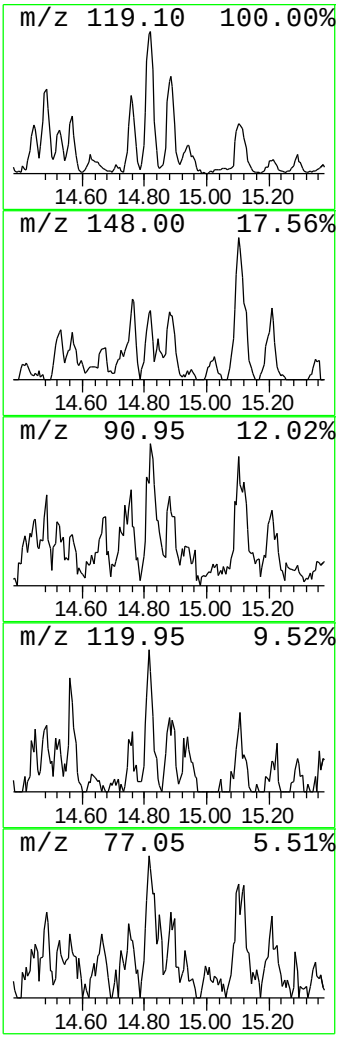
****

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	6.48 ug/l	107656	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53
4	Benzamide, N-(4-cyanomethylpheny...	250	C16H14N2O	1000303-29-5	53
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	45





Library Search Compound Report

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Misc : 7.56G/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260

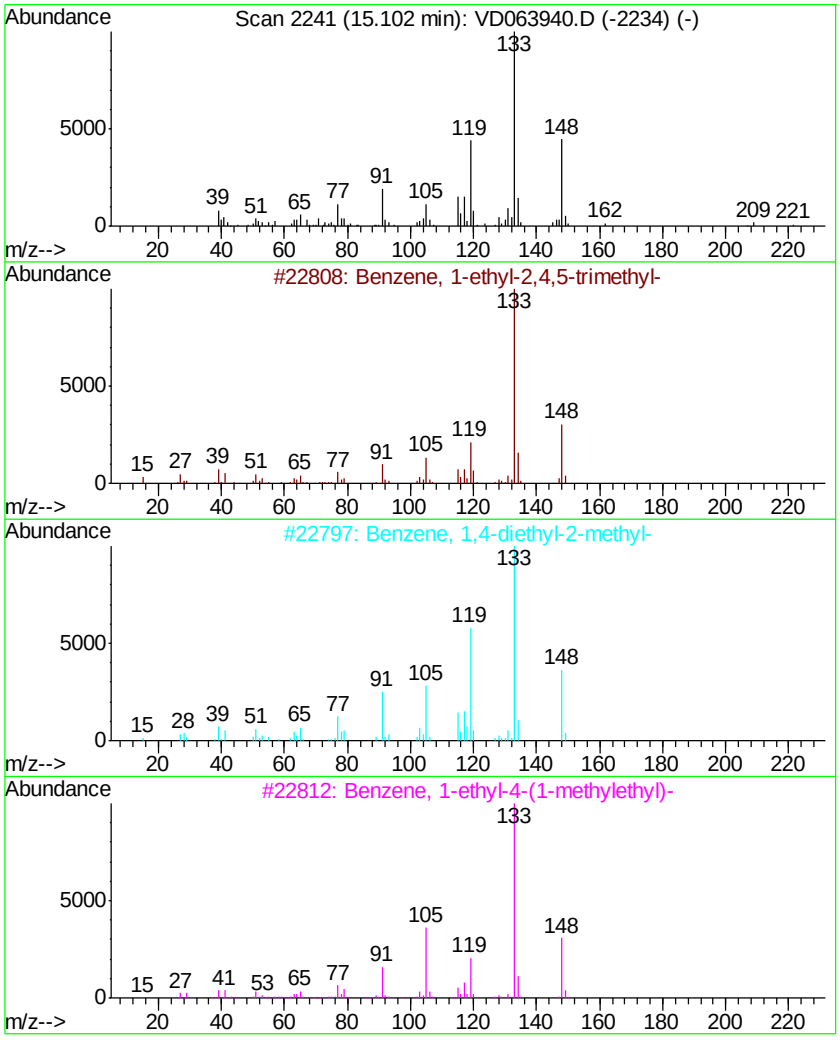
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

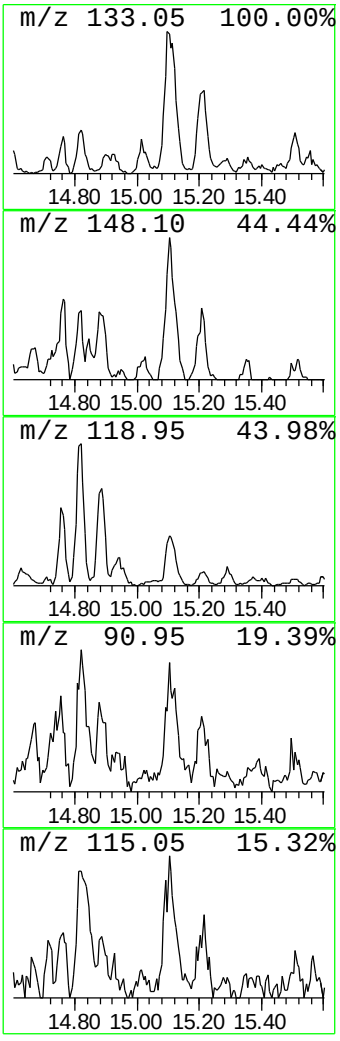
****

Peak Number 4 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	14.42 ug/l	239367	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	76
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	68





Library Search Compound Report

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ClientSampleId : 10-10-E

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Quant Title : SW846 8260

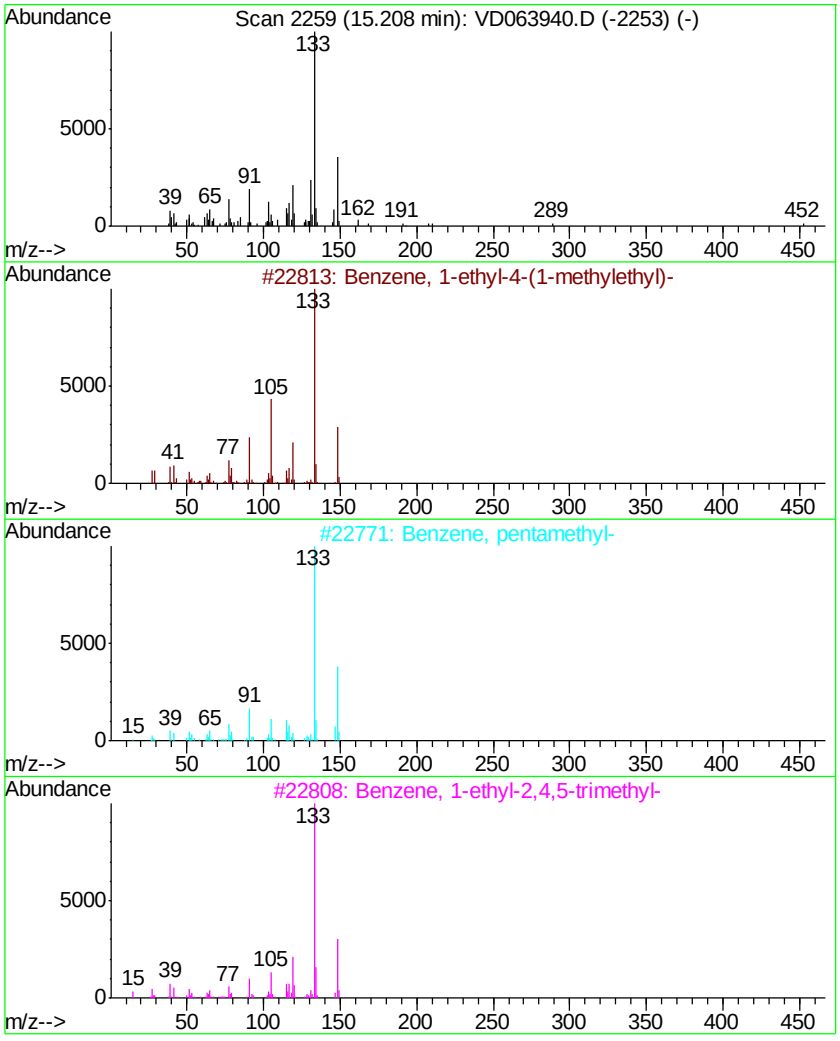
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

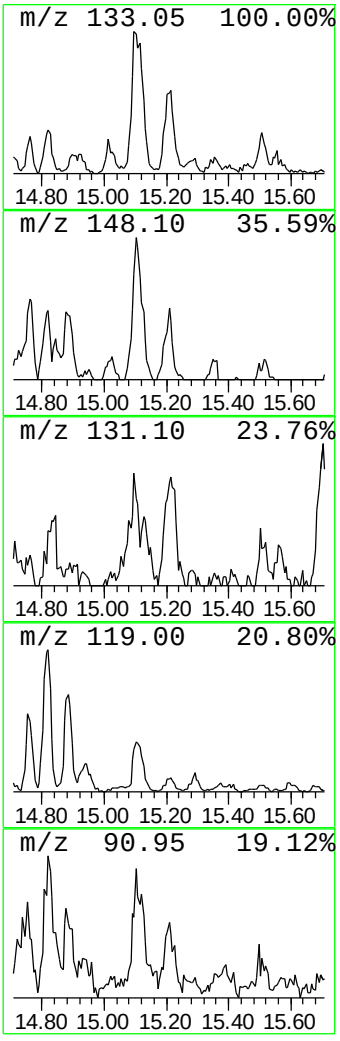
****

Peak Number 5 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	8.18 ug/l	135895	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	59
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	59
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	52





Tentatively Identified Compound (LSC) summary

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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
Benzene, (1,1-dim...	14.76	6.5	ug/l	108676	4	13.58	830265	50.0
o-Cymene	14.82	14.3	ug/l	237525	4	13.58	830265	50.0
Benzene, 1-methyl...	14.88	6.5	ug/l	107656	4	13.58	830265	50.0
Benzene, 1-ethyl-...	15.10	14.4	ug/l	239367	4	13.58	830265	50.0
Benzene, 1-ethyl-...	15.21	8.2	ug/l	135895	4	13.58	830265	50.0