LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

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\82D071423S.M
Title : SW846 8260

Signal : TIC: VD076809.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	13	26	40	rBV	595413	1146509	80.39%	6.705%
2	4.022	406	414	422	rBV2	16789	44510	3.12%	0.260%
3	4.793	535	545	554	rBV3	16308	50509	3.54%	0.295%
4	7.075	922	933	945	rBV2	41085	123354	8.65%	0.721%
5	7.804	1047	1057	1063	rBV	159812	397141	27.85%	2.322%
6	7.875	1063	1069	1078	rVB	222658	507686	35.60%	2.969%
7	8.228	1115	1129	1139	rBV3	134175	321753	22.56%	1.882%
8	8.775	1212	1222	1235	rBV	394622	797149	55.90%	4.662%
9	10.269	1468	1476	1485	rBV	613390	1098459	77.02%	6.424%
10	10.663	1537	1543	1554	rBV2	33508	60828	4.27%	0.356%
11	11.034	1599	1606	1611	rVB	16050	27284	1.91%	0.160%
12	11.581	1691	1699	1712	rVB	558457	938164	65.78%	5.486%
13	12.575	1860	1868	1877	rBV	396523	656602	46.04%	3.840%
14	13.516	2021	2028	2039	rBV	509088	842580	59.08%	4.927%
15	13.710	2052	2061	2065	rBV2	32052	63684	4.47%	0.372%
16	13.757	2065	2069	2080	rVB4	67606	138595	9.72%	0.810%
17	13.916	2091	2096	2101	rVV	41615	65414	4.59%	0.383%
18	13.975	2101	2106	2108	rVV	108341	161968	11.36%	0.947%
19	14.004	2108	2111	2116	rVV	154463	231241	16.21%	1.352%
20	14.063	2116	2121	2127	rVV	372234	566229	39.70%	3.311%
21	14.169	2127	2139	2144	rVV2	135479	253066	17.75%	1.480%
22	14.245	2144	2152	2156	rVV4	29308	75366	5.28%	0.441%
23	14.304	2156	2162	2167	rVV	159458	264401	18.54%	1.546%
24	14.386	2167	2176	2179	rVV	525982	901561	63.22%	5.272%
25	14.422	2179	2182	2187	rVV	894598	1338649	93.87%	7.828%
26	14.469	2187	2190	2194	rVV	187574	275987	19.35%	1.614%
27	14.510	2194	2197	2204	rVV	130187	211238	14.81%	1.235%
28	14.569	2204	2207	2210	rVV	38474	63751	4.47%	0.373%
29	14.610	2210	2214	2217	rVV	114862	170769	11.97%	0.999%
30	14.657	2217	2222	2226	rVV2	221435	426622	29.91%	2.495%
31	14.698	2226	2229	2234	rVV	186125	291215	20.42%	1.703%
32	14.763	2234	2240	2247	rVV3	628946	1426123	100.00%	8.340%
33	14.828	2247	2251	2257	rVV	213655	334098	23.43%	1.954%
34	14.875	2257	2259	2264	rVV3	18935	30179	2.12%	0.176%
35	14.922	2264	2267	2269	rVV3	13214	20452	1.43%	0.120%
36	14.957	2269	2273	2278	rVV	38293	71246	5.00%	0.417%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

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\82D071423S.M
Title : SW846 8260

37	15.039	2281	2287	2298	rVB	331454	751453	52.69%	4.394%
38	15.139	2298	2304	2312	rBV2	159480	293659	20.59%	1.717%
39	15.281	2323	2328	2331	rBV3	22848	45657	3.20%	0.267%
40	15.333	2331	2337	2344	rVB	460231	806157	56.53%	4.714%
41	15.439	2349	2355	2360	rVV3	63052	125450	8.80%	0.734%
42	15.492	2360	2364	2375	rVB6	22893	58580	4.11%	0.343%
43	15.628	2380	2387	2393	rBV2	55079	114803	8.05%	0.671%
44	15.751	2403	2408	2410	rBV3	15290	23979	1.68%	0.140%
45	15.798	2410	2416	2427	rVB3	25471	74519	5.23%	0.436%
46	15.916	2429	2436	2443	rBV	68351	130387	9.14%	0.762%
47	15.998	2443	2450	2457	rVB2	20310	41046	2.88%	0.240%
48	16.398	2511	2518	2525	rBV3	57530	123214	8.64%	0.721%
49	16.469	2525	2530	2535	rVB3	28584	47280	3.32%	0.276%
50	16.598	2544	2552	2564	rBV6	23219	69511	4.87%	0.406%

Sum of corrected areas: 17100077

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
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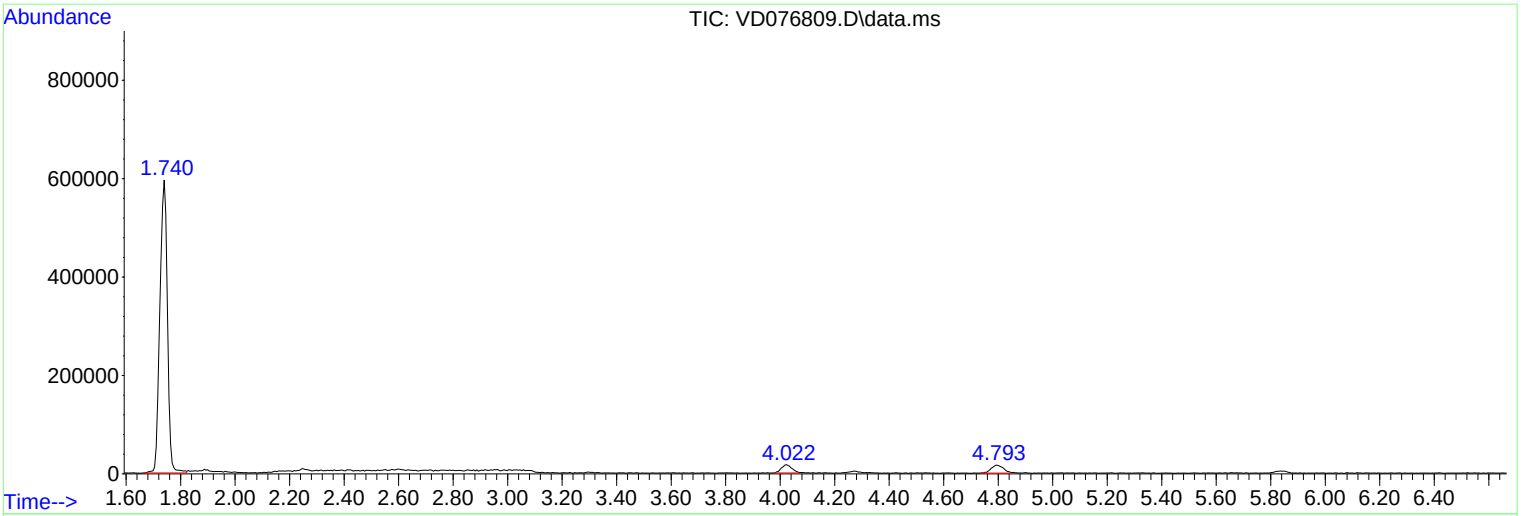
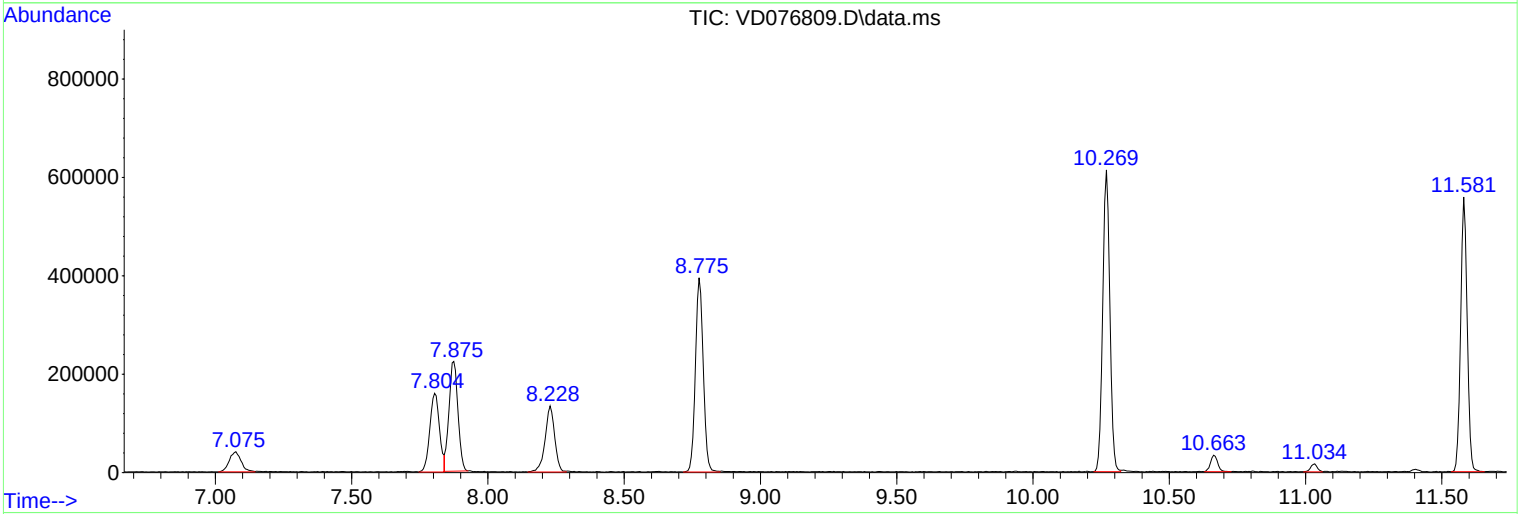
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

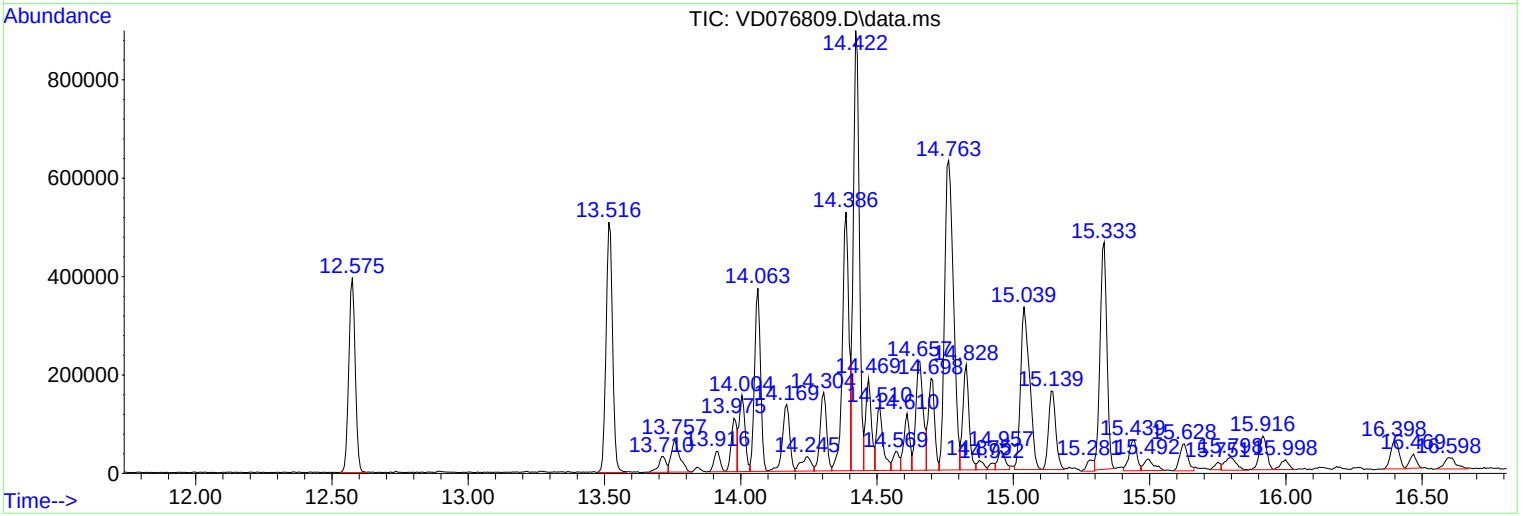
Instrument :
MSVOA_D
ClientSampleId :
B-P14B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

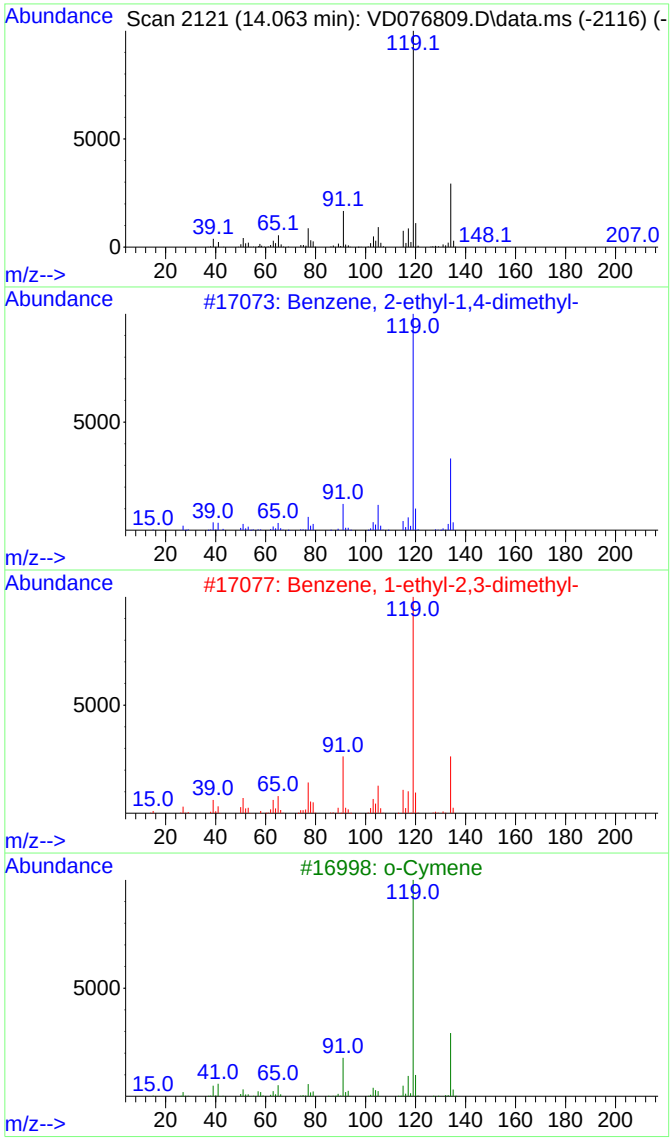
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

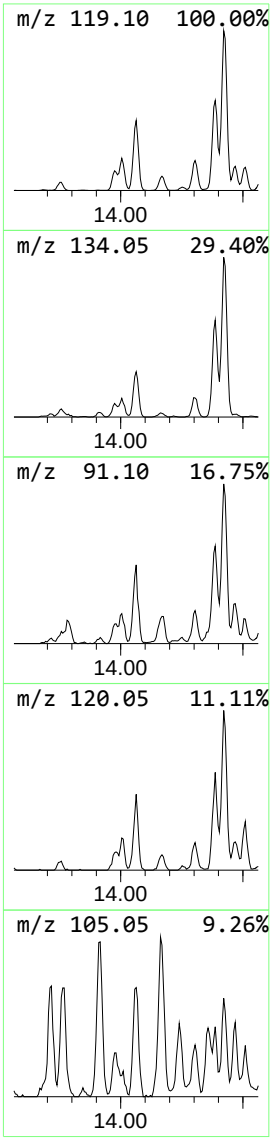
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	33.60 ug/l	566229	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

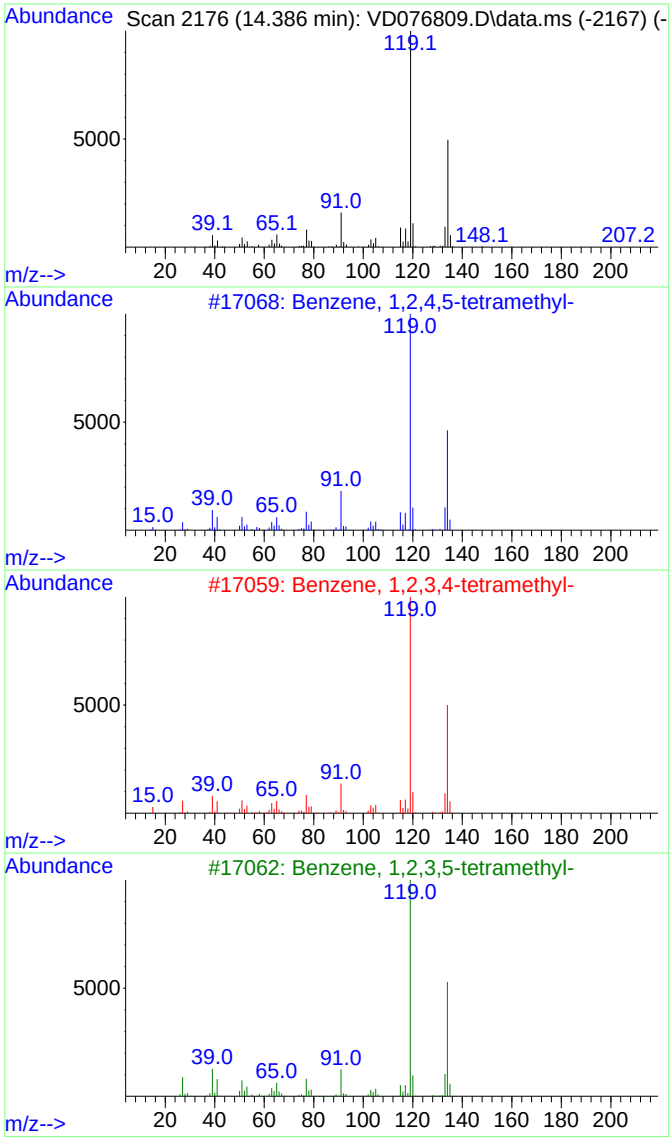
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

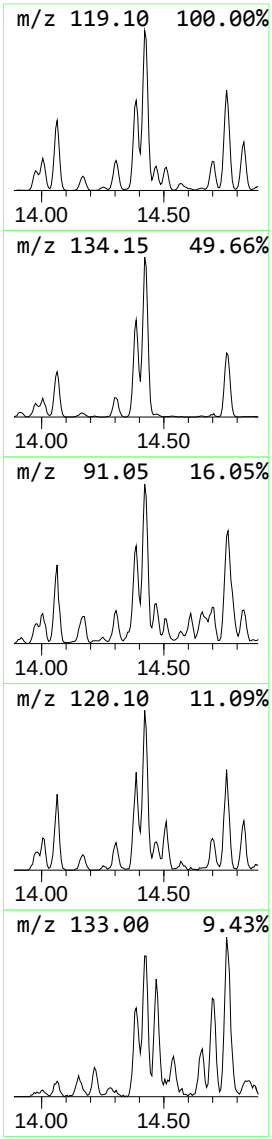
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.387	53.50 ug/l	901561	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

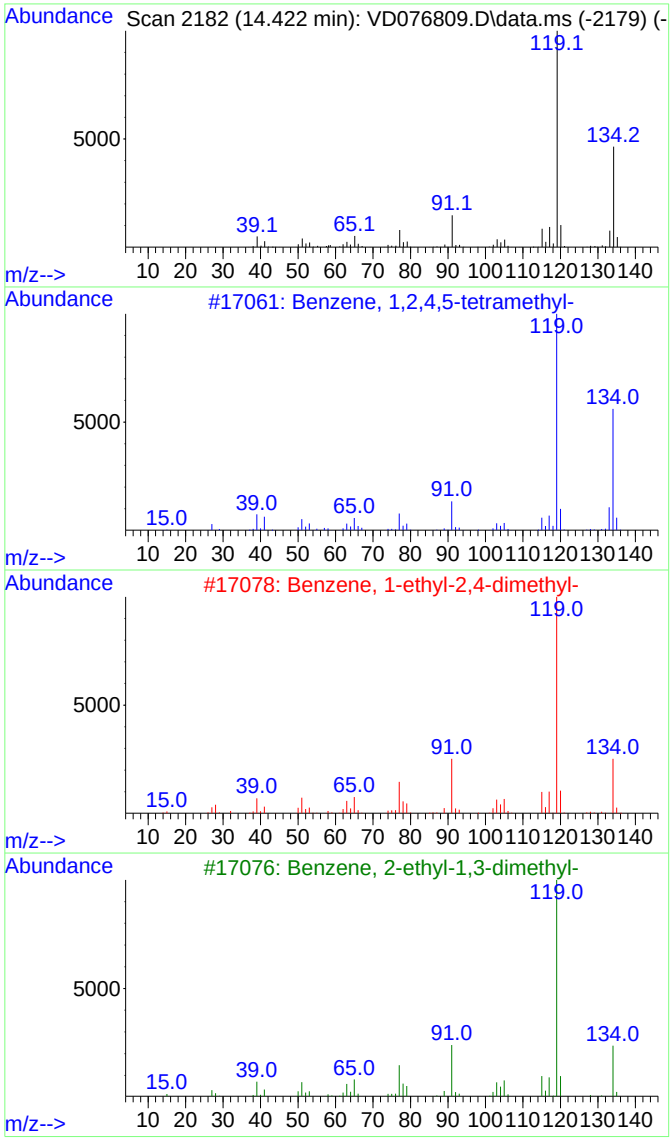
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

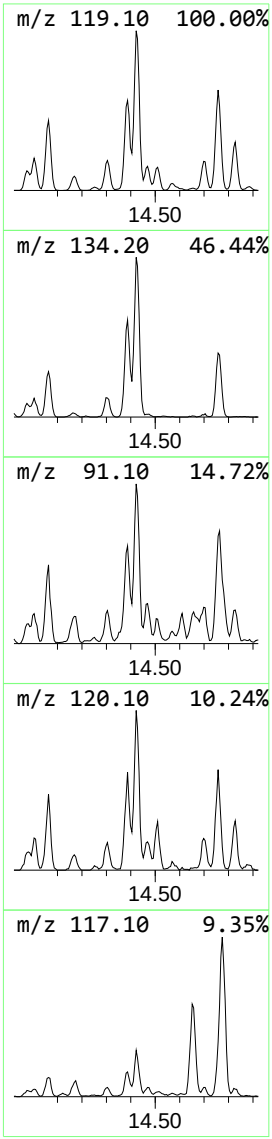
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	79.44 ug/l	1338650	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

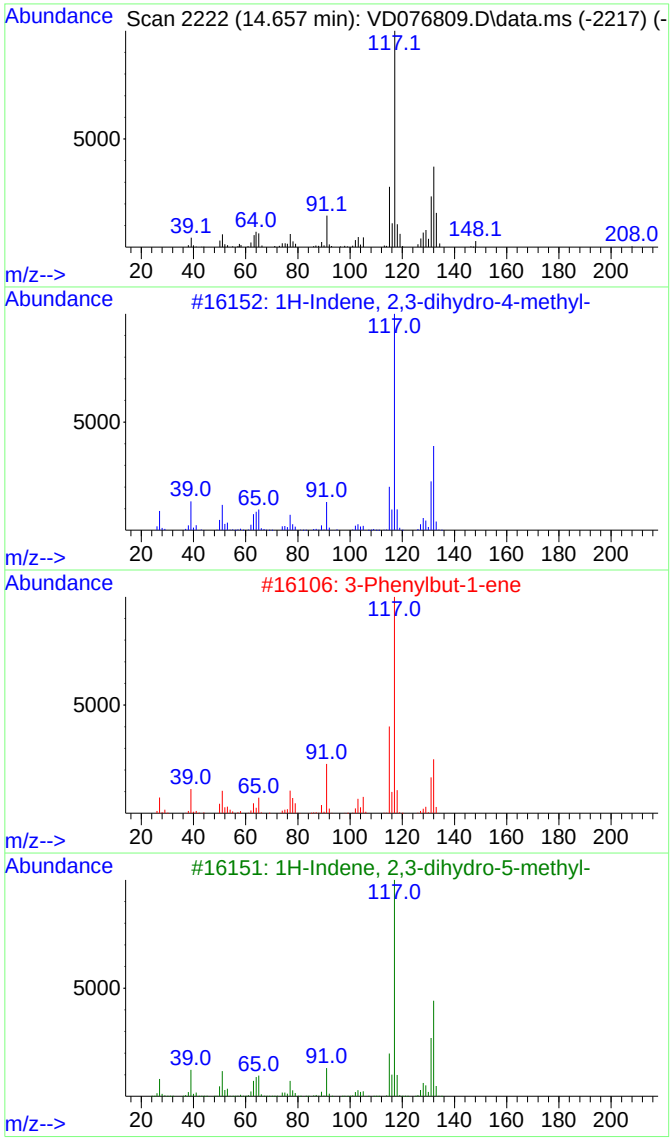
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

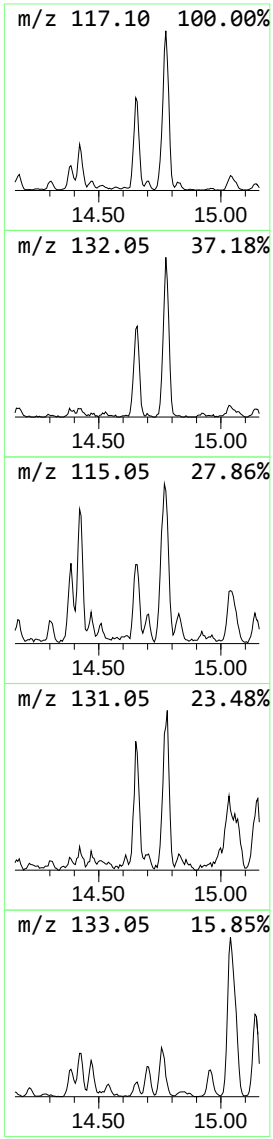
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	25.32 ug/l	426622	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
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Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

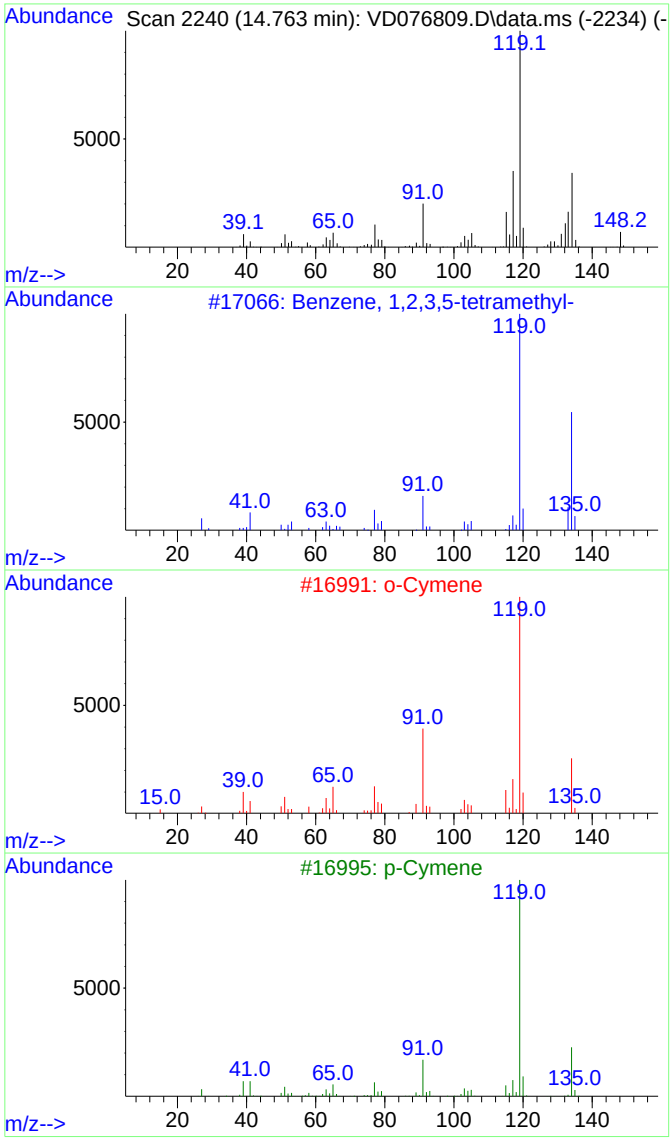
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

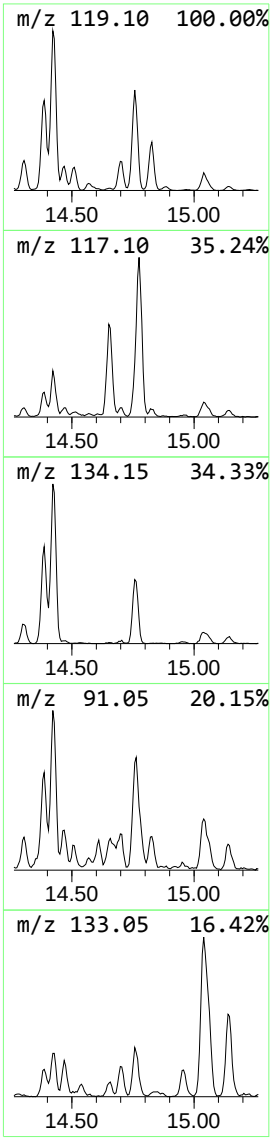
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	84.63 ug/l	1426120	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

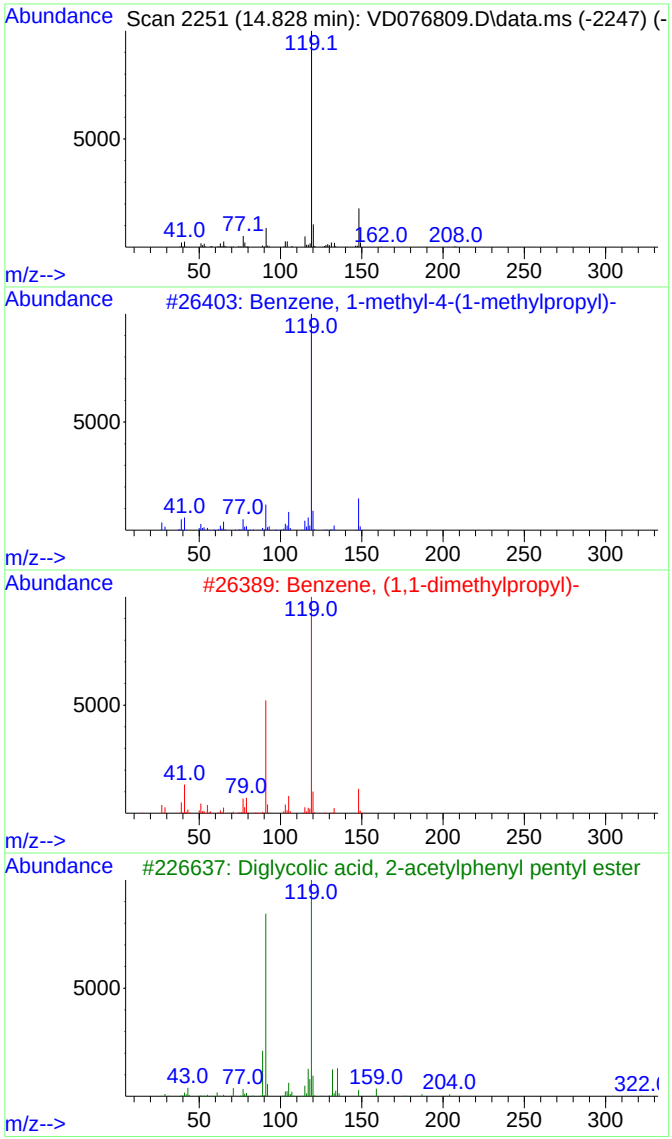
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

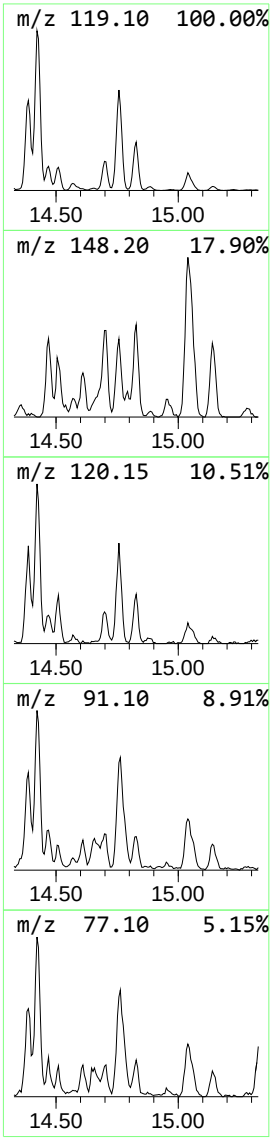
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.828	19.83 ug/l	334098	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	64
4	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	64
5	Diglycolic acid, 2-acetylphenyl ...	364	C20H28O6	1000382-72-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

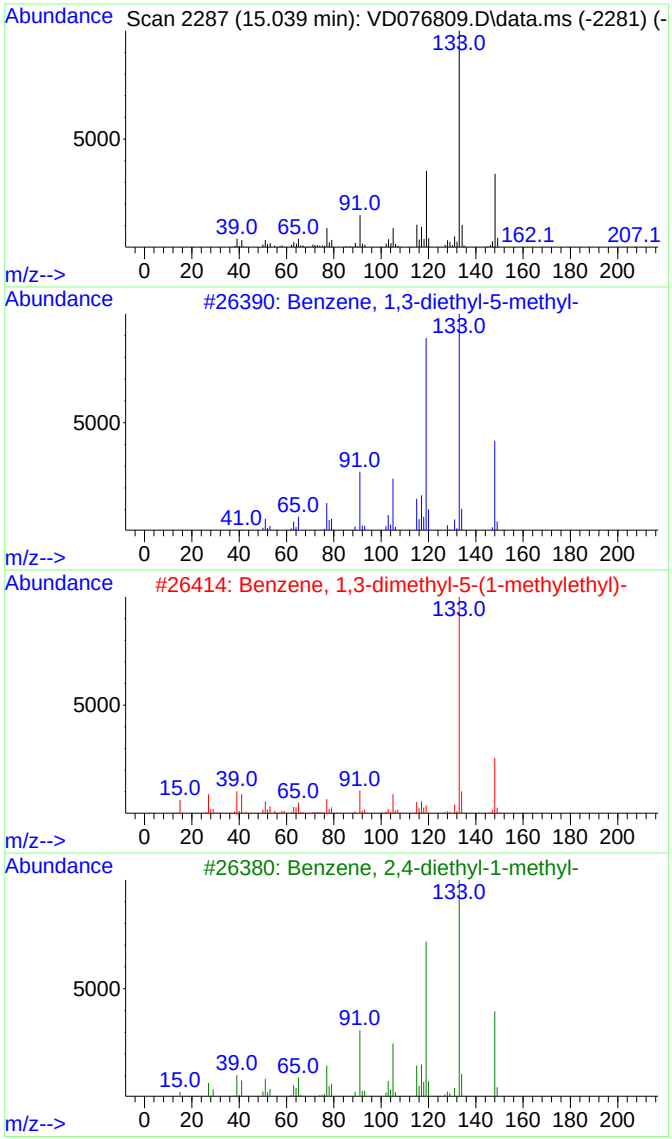
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

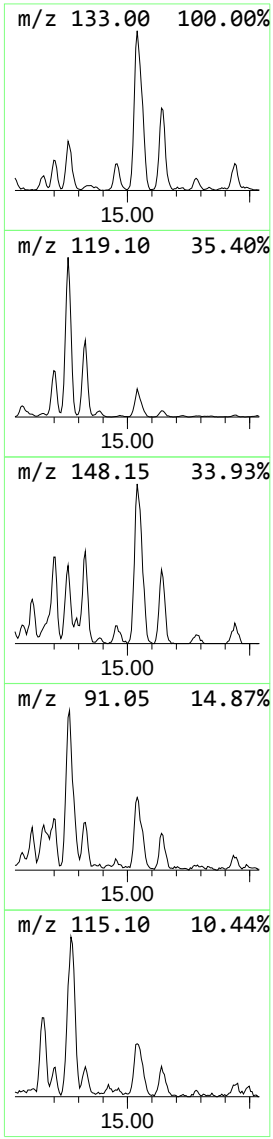
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	44.59 ug/l	751453	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

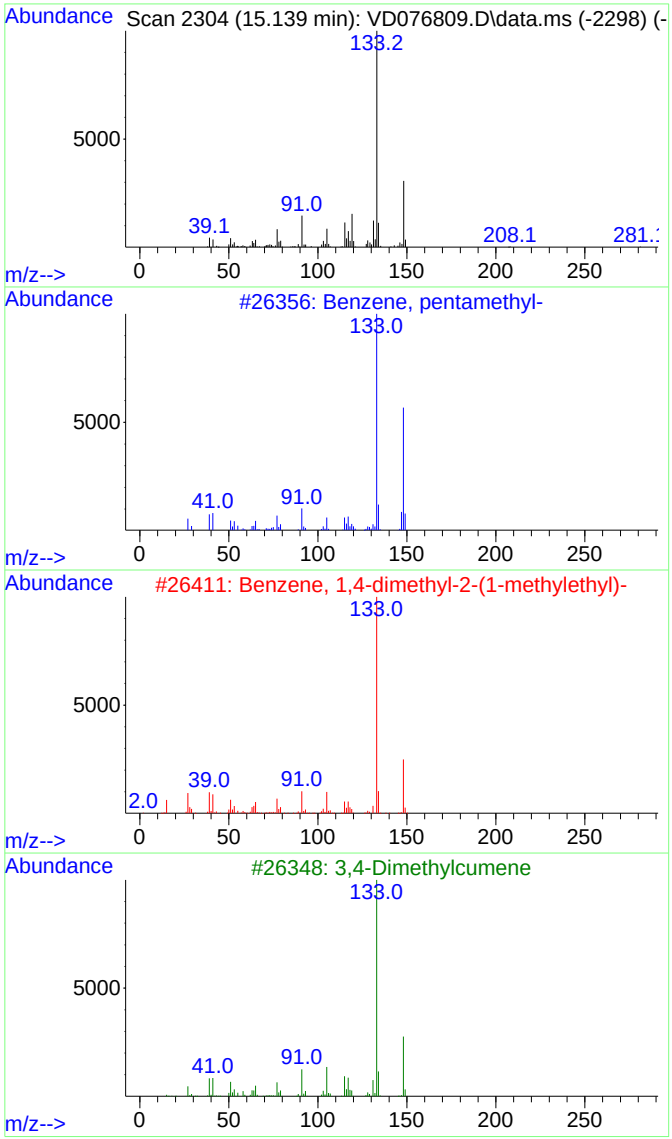
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

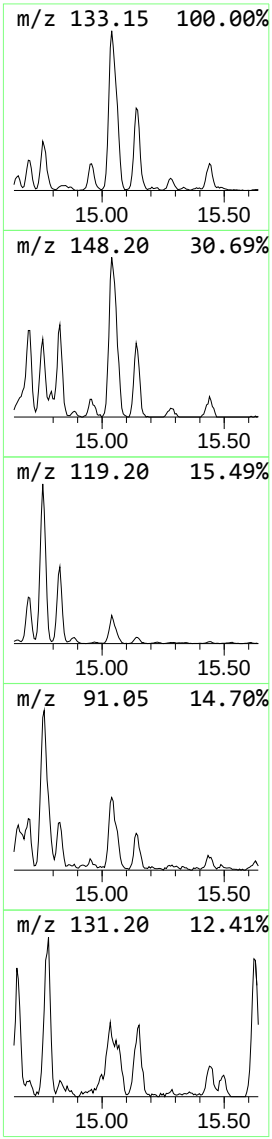
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	17.43 ug/l	293659	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076809.D
Acq On : 26 Jul 2023 16:46
Operator : KP/SY
Sample : 03769-04
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P14B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.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
Benzene, 2-ethy...	14.063	33.6	ug/l	566229	4	13.516	842580	50.0
Benzene, 1,2,4,...	14.387	53.5	ug/l	901561	4	13.516	842580	50.0
Benzene, 1-ethy...	14.422	79.4	ug/l	1338650	4	13.516	842580	50.0
1H-Indene, 2,3-...	14.657	25.3	ug/l	426622	4	13.516	842580	50.0
Benzene, 1,2,3,...	14.763	84.6	ug/l	1426120	4	13.516	842580	50.0
Benzene, 1-meth...	14.828	19.8	ug/l	334098	4	13.516	842580	50.0
Benzene, 1,3-di...	15.039	44.6	ug/l	751453	4	13.516	842580	50.0
Benzene, pentam...	15.139	17.4	ug/l	293659	4	13.516	842580	50.0