LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
Data File : VD075072.D
Acq On : 28 Dec 2022 18:10
Operator : KP/SY
Sample : N6219-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

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\82D122222S.M
Title : SW846 8260

Signal : TIC: VD075072.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	36	rBV	165824	260959	100.00%	50.173%
2	2.557	163	165	172	rVB	2456	2679	1.03%	0.515%
3	7.804	1050	1057	1064	rBV4	5513	11698	4.48%	2.249%
4	7.875	1064	1069	1076	rVB2	6267	11869	4.55%	2.282%
5	8.228	1123	1129	1137	rBV2	6246	12052	4.62%	2.317%
6	8.775	1216	1222	1230	rVB2	12092	24265	9.30%	4.665%
7	10.269	1470	1476	1485	rBV	21901	36494	13.98%	7.016%
8	11.581	1693	1699	1706	rBV	17804	31657	12.13%	6.087%
9	11.786	1730	1734	1741	rVB2	5114	7926	3.04%	1.524%
10	12.122	1786	1791	1796	rBV3	3250	4458	1.71%	0.857%
11	12.575	1863	1868	1874	rVB2	12876	20014	7.67%	3.848%
12	12.828	1906	1911	1915	rBV2	5026	7653	2.93%	1.471%
13	12.904	1921	1924	1928	rVB	2440	3097	1.19%	0.595%
14	13.063	1947	1951	1956	rVB4	2011	3134	1.20%	0.603%
15	13.216	1972	1977	1982	rVB	12048	18418	7.06%	3.541%
16	13.522	2023	2029	2033	rBV	18287	30248	11.59%	5.816%
17	13.716	2059	2062	2066	rBV3	3921	4783	1.83%	0.920%
18	13.751	2066	2068	2073	rVB5	3455	4808	1.84%	0.924%
19	13.980	2103	2107	2109	rBV2	1688	2737	1.05%	0.526%
20	14.063	2116	2121	2126	rVB5	2918	4873	1.87%	0.937%
21	14.180	2136	2141	2144	rVB3	1666	2949	1.13%	0.567%
22	14.422	2179	2182	2188	rVB3	3120	3842	1.47%	0.739%
23	14.657	2219	2222	2226	rBV3	1939	2627	1.01%	0.505%
24	14.780	2236	2243	2248	rVB5	3506	6878	2.64%	1.322%

Sum of corrected areas: 520118

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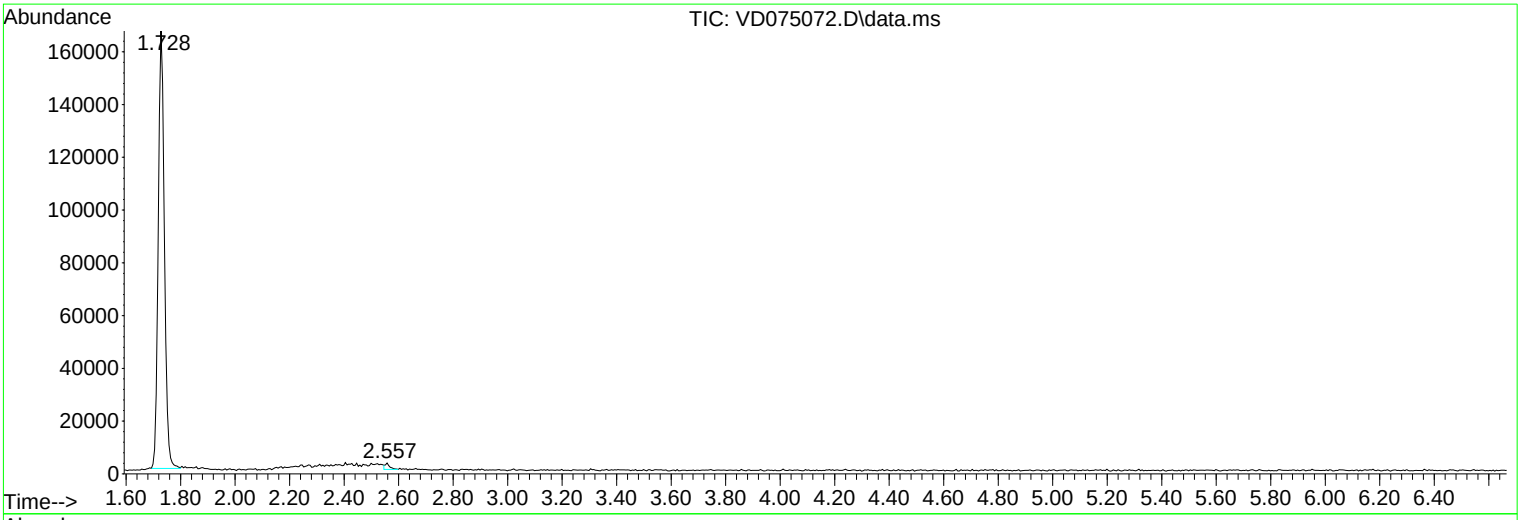
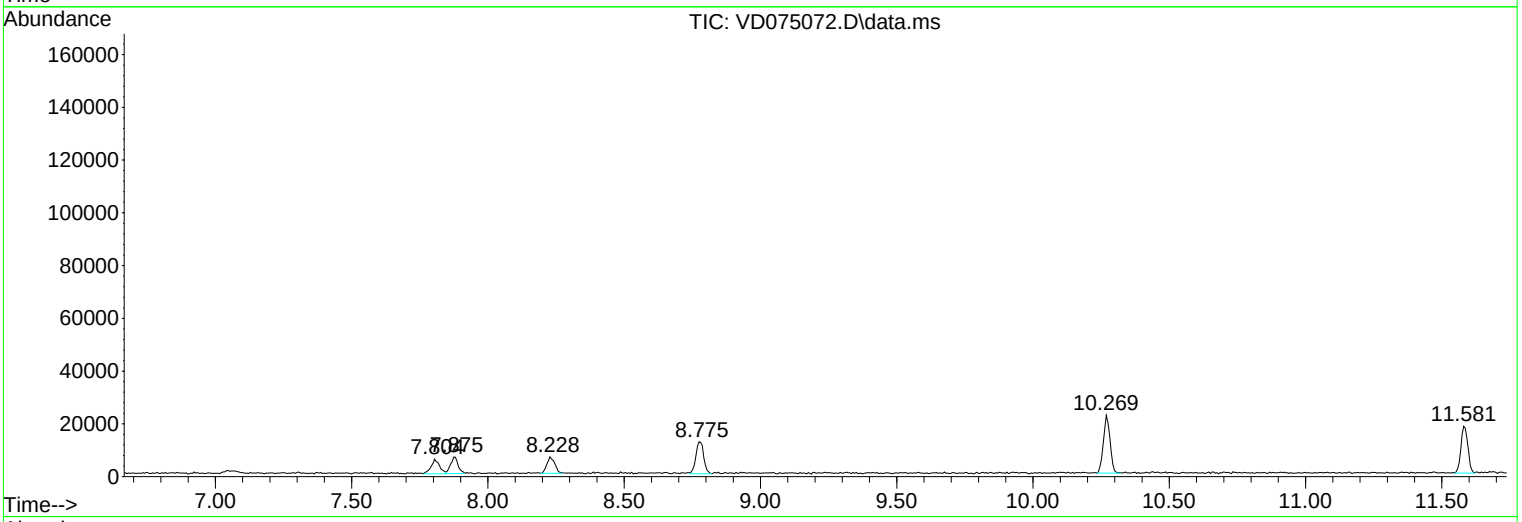
ALS Vial : 16 Sample Multiplier: 1

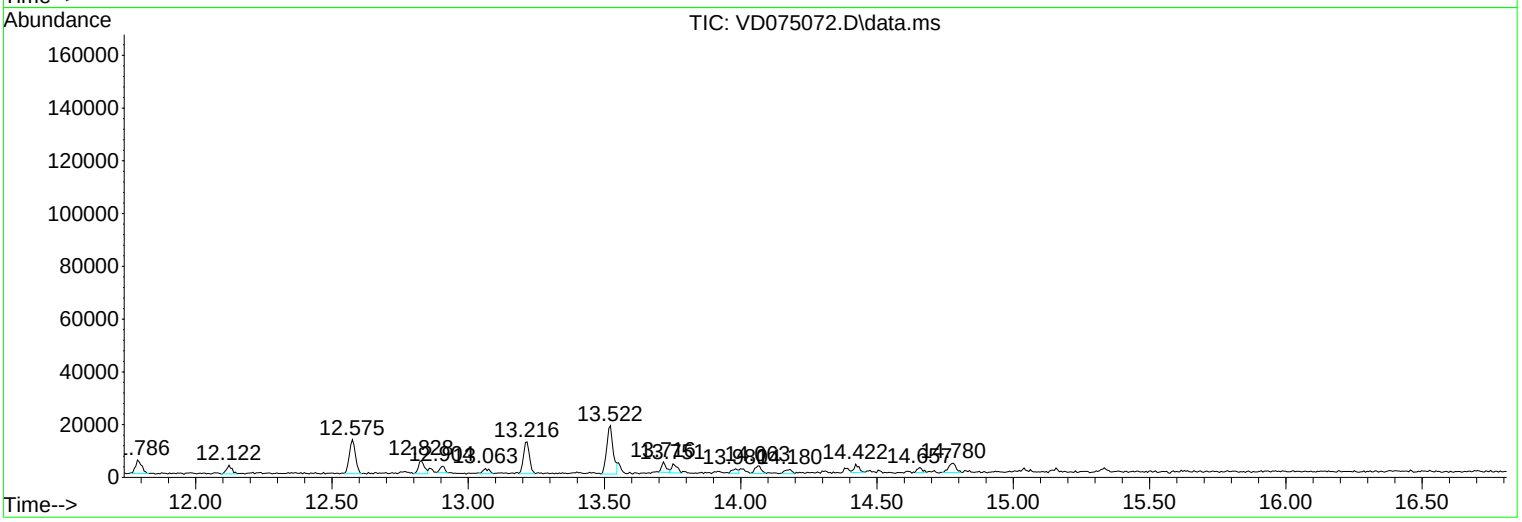
Instrument :
MSVOA_D
ClientSampleId :
72-12016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260

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







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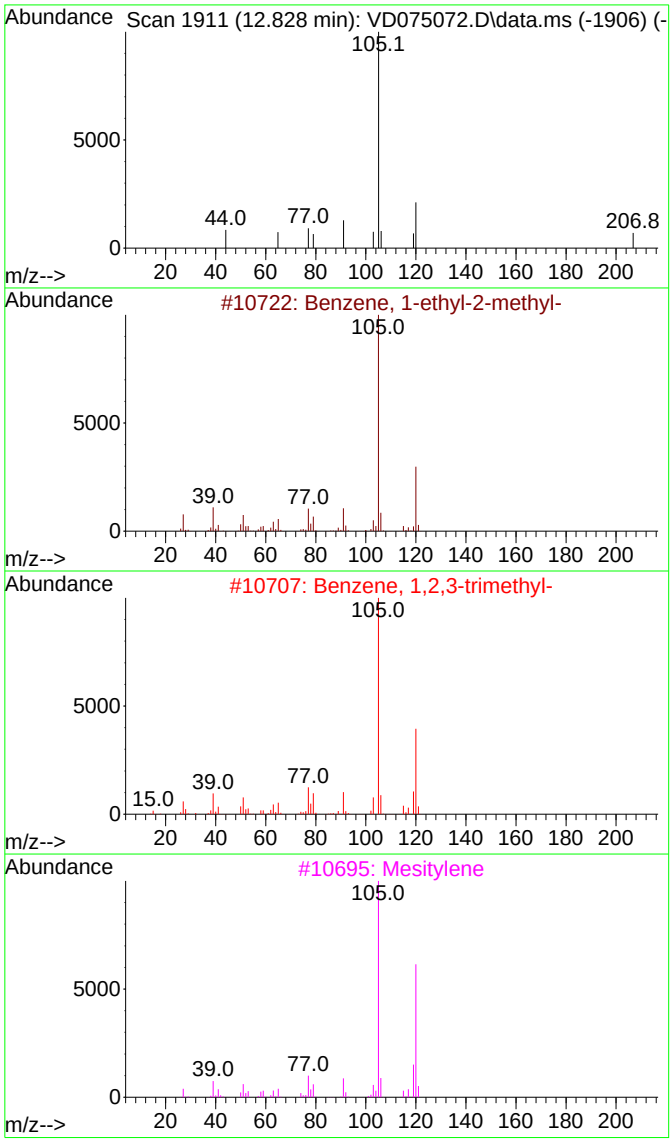
Quant Title : SW846 8260

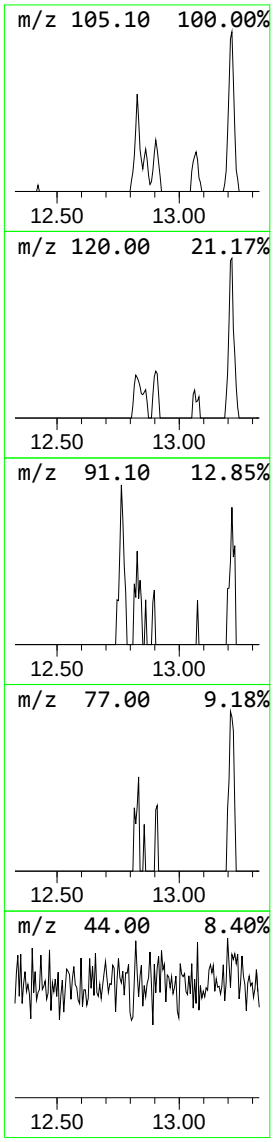
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	12.65 ug/l	7653	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3	Mesitylene	120	C9H12	000108-67-8	78
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64





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Operator : KP/SY
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

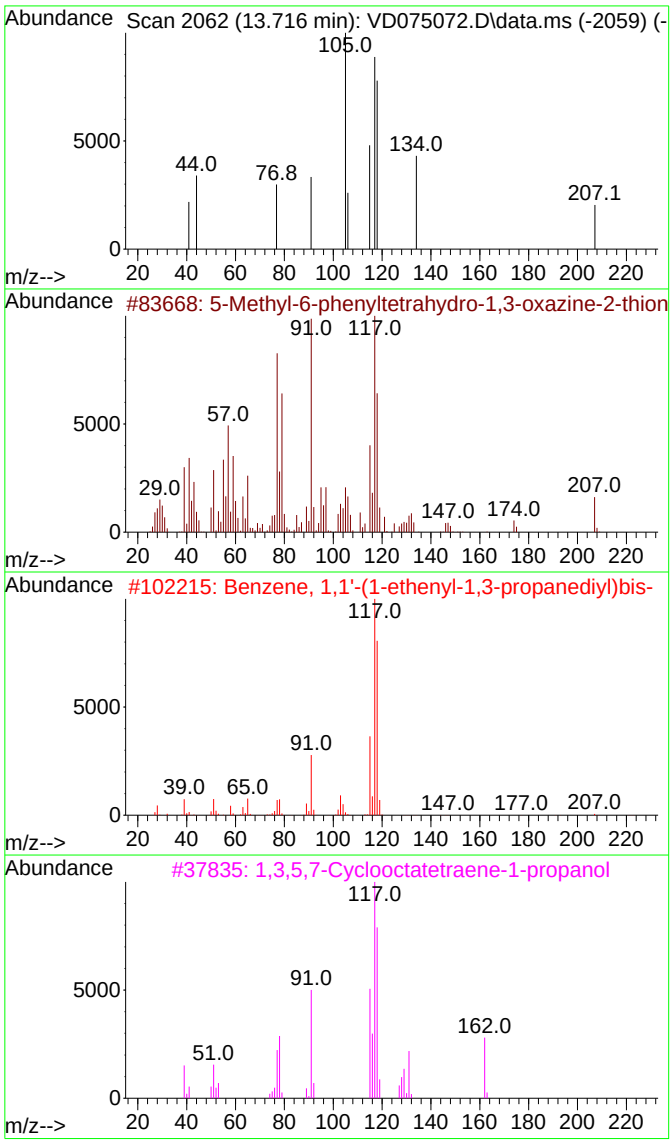
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260

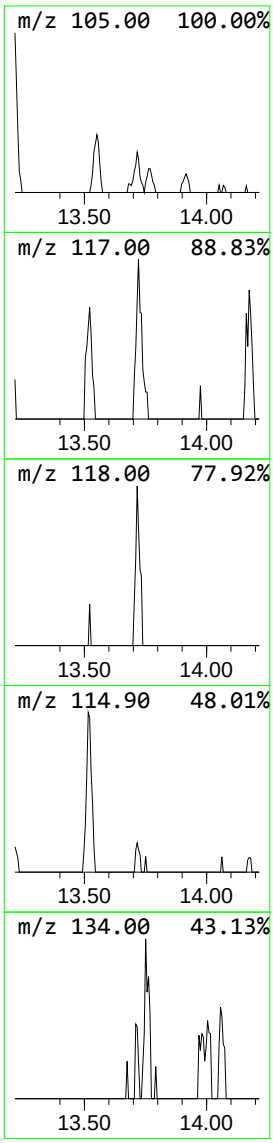
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5-Methyl-6-phenyltetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	7.91 ug/l	4783	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-6-phenyltetrahydro-1,3-...	207	C11H13NOS	086071-95-6	50
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	40
3	1,3,5,7-Cyclooctatetraene-1-prop...	162	C11H14O	054365-73-0	33
4	Hydrazinecarboxamide, 2-(2,4,6-c...	177	C9H11N3O	090559-09-4	28
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	9





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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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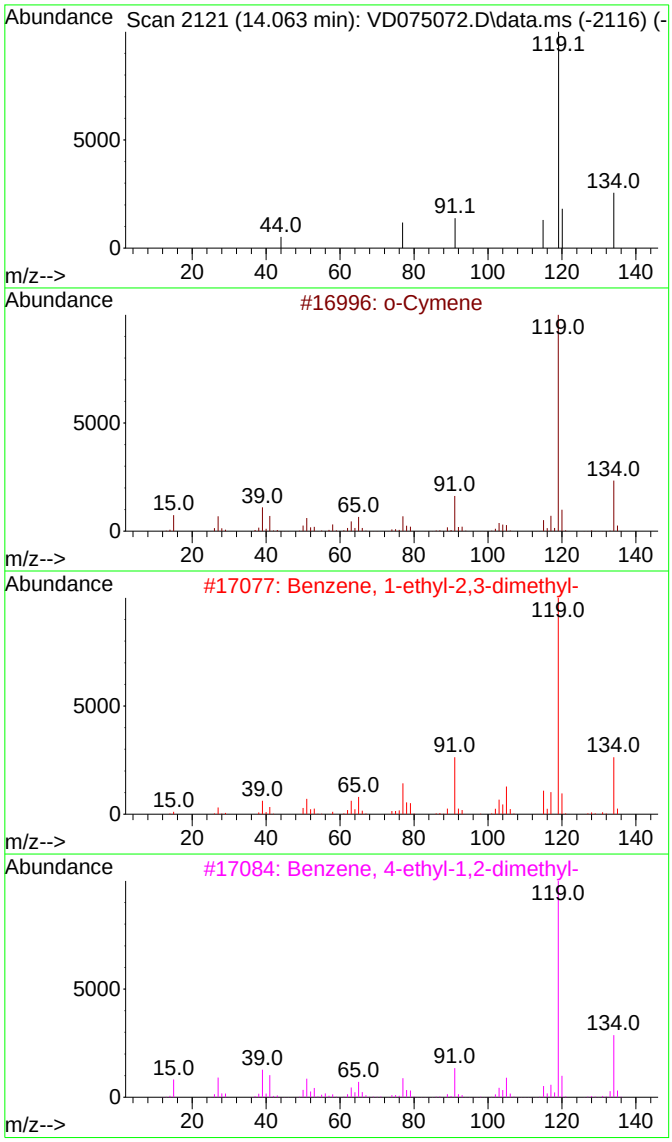
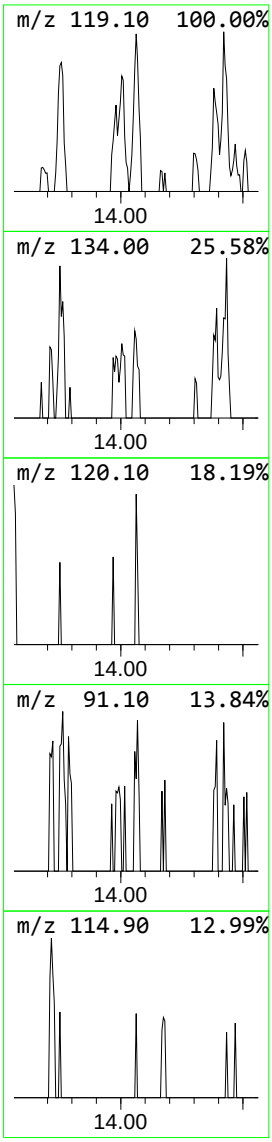
****

Peak Number 7 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	8.06 ug/l	4873	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
4	p-Cymene	134	C10H14	000099-87-6	74
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	74





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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

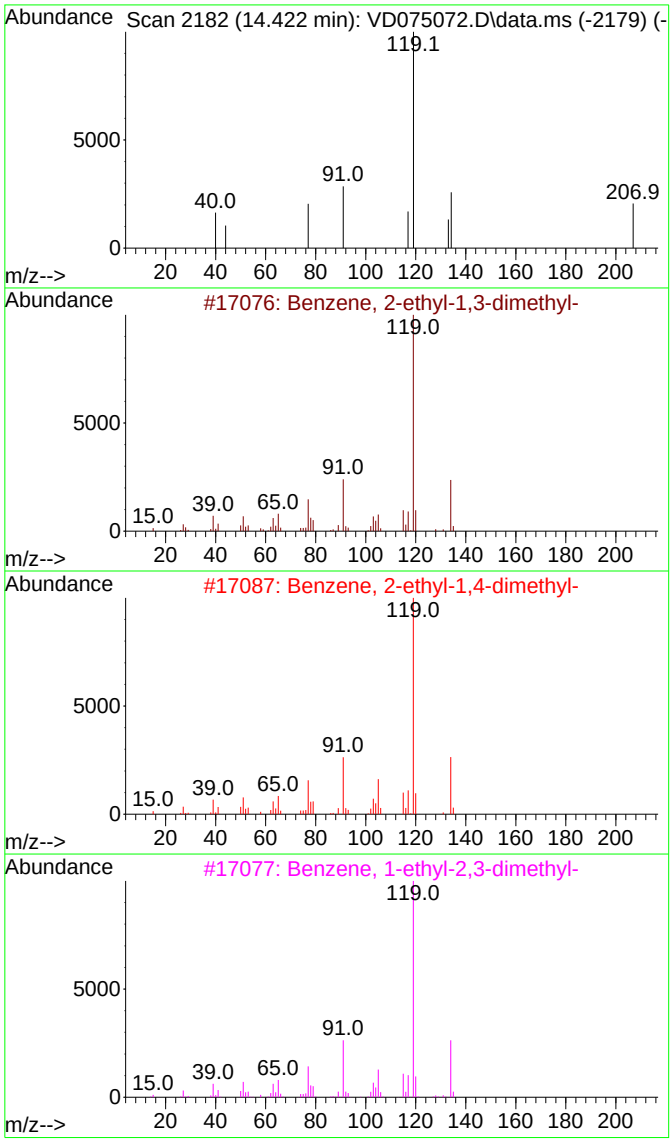
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260

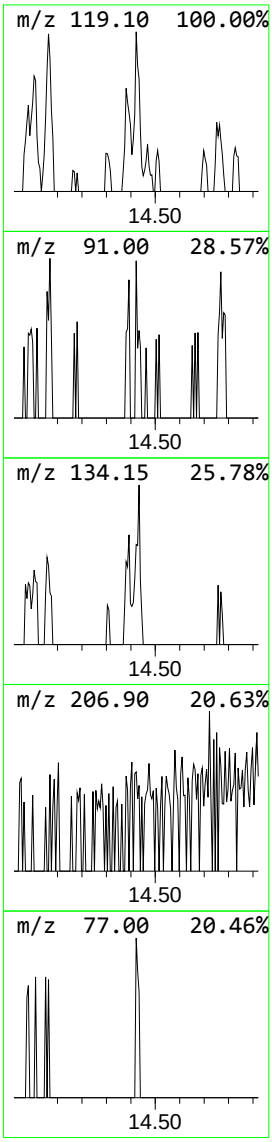
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	6.35 ug/l	3842	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	o-Cymene	134	C10H14	000527-84-4	45





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Sample : N6219-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260

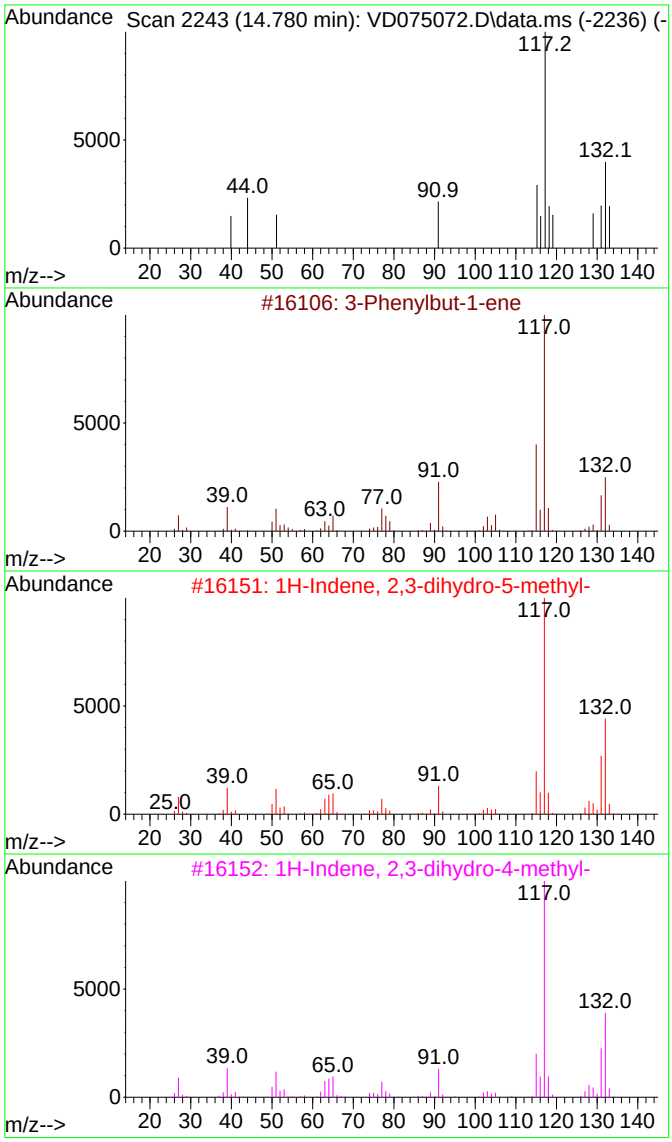
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

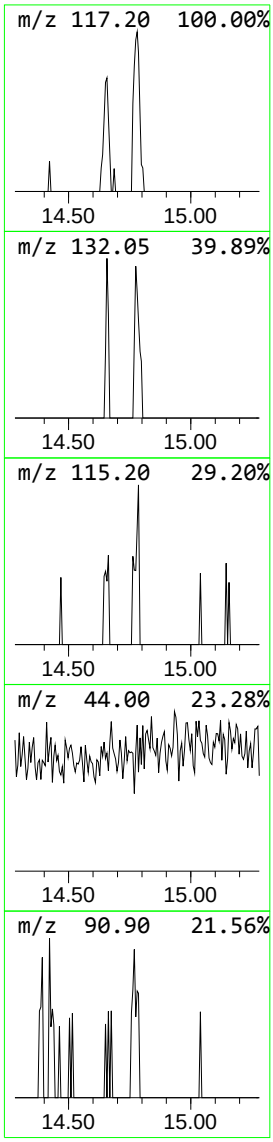
****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	11.37 ug/l	6878	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	59
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	59





Tentatively Identified Compound (LSC) summary

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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, 1-ethy...	12.828	12.7	ug/l	7653	4	13.516	30248	50.0
5-Methyl-6-phen...	13.716	7.9	ug/l	4783	4	13.516	30248	50.0
o-Cymene	14.063	8.1	ug/l	4873	4	13.516	30248	50.0
Benzene, 2-ethy...	14.422	6.3	ug/l	3842	4	13.516	30248	50.0
3-Phenylbut-1-ene	14.780	11.4	ug/l	6878	4	13.516	30248	50.0