LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-01-091321

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\82D090821S.M
Title : SW846 8260

Signal : TIC: VD070356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.968	505	518	527	rBV3	33442	104863	4.28%	0.595%
2	5.985	682	691	701	rBV4	9911	29641	1.21%	0.168%
3	7.914	1009	1019	1024	rBV	274387	663703	27.06%	3.765%
4	7.979	1024	1030	1040	rVB	420029	942433	38.43%	5.347%
5	8.326	1075	1089	1102	rBB	231876	560247	22.84%	3.178%
6	8.861	1169	1180	1195	rBV	677265	1366529	55.72%	7.753%
7	10.338	1423	1431	1440	rBV	1177886	2078986	84.77%	11.795%
8	11.638	1643	1652	1665	rBV	1283271	2136552	87.11%	12.121%
9	12.150	1730	1739	1745	rBV7	14483	40393	1.65%	0.229%
10	12.373	1767	1777	1784	rBV10	18406	55253	2.25%	0.313%
11	12.626	1812	1820	1828	rBV	1041650	1689244	68.88%	9.584%
12	12.791	1843	1848	1854	rVB4	28928	57265	2.33%	0.325%
13	12.867	1855	1861	1865	rBV8	14020	29693	1.21%	0.168%
14	12.944	1865	1874	1881	rVV7	49504	136632	5.57%	0.775%
15	13.179	1910	1914	1922	rVB8	19456	39870	1.63%	0.226%
16	13.449	1954	1960	1965	rBV7	35796	73641	3.00%	0.418%
17	13.561	1972	1979	1988	rBV	1435779	2452600	100.00%	13.914%
18	13.708	1997	2004	2008	rBV7	33128	67202	2.74%	0.381%
19	13.755	2009	2012	2015	rVV2	19522	26557	1.08%	0.151%
20	13.797	2015	2019	2023	rVB2	31419	45680	1.86%	0.259%
21	13.885	2029	2034	2039	rBV4	85273	150629	6.14%	0.855%
22	14.097	2067	2070	2078	rVB2	60189	112235	4.58%	0.637%
23	14.208	2084	2089	2094	rBV4	88471	153240	6.25%	0.869%
24	14.273	2096	2100	2106	rVB9	36628	83851	3.42%	0.476%
25	14.344	2106	2112	2116	rBV4	45220	93094	3.80%	0.528%
26	14.391	2116	2120	2124	rBV6	70677	111042	4.53%	0.630%
27	14.467	2129	2133	2137	rVV	72521	117054	4.77%	0.664%
28	14.508	2137	2140	2144	rVV3	55396	76820	3.13%	0.436%
29	14.555	2144	2148	2154	rVB4	92743	153273	6.25%	0.870%
30	14.744	2176	2180	2184	rBV	82565	116332	4.74%	0.660%
31	14.802	2184	2190	2198	rBV3	248755	641824	26.17%	3.641%
32	14.867	2198	2201	2206	rVB2	72675	105255	4.29%	0.597%
33	14.973	2215	2219	2225	rVB4	62121	98067	4.00%	0.556%
34	15.085	2232	2238	2242	rBV3	132508	302658	12.34%	1.717%
35	15.196	2251	2257	2262	rBV3	165536	336202	13.71%	1.907%
36	15.349	2277	2283	2284	rBV4	41544	76267	3.11%	0.433%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-01-091321

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\82D090821S.M
Title : SW846 8260

37	15.444	2293	2299	2303	rBV	149231	318744	13.00%	1.808%
38	15.679	2332	2339	2346	rBV6	75947	234464	9.56%	1.330%
39	15.767	2349	2354	2357	rBV7	48762	88018	3.59%	0.499%
40	15.849	2359	2368	2371	rBV7	80613	212987	8.68%	1.208%
41	16.055	2398	2403	2409	rBV5	46049	111555	4.55%	0.633%
42	16.208	2419	2429	2437	rBV2	240704	610968	24.91%	3.466%
43	16.408	2456	2463	2469	rBV3	175440	373244	15.22%	2.118%
44	16.479	2470	2475	2479	rBV3	62441	117205	4.78%	0.665%
45	16.690	2502	2511	2515	rBV9	72901	234386	9.56%	1.330%

Sum of corrected areas: 17626398

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
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Acq On : 14 Sep 2021 16:36
Operator : VA/SY
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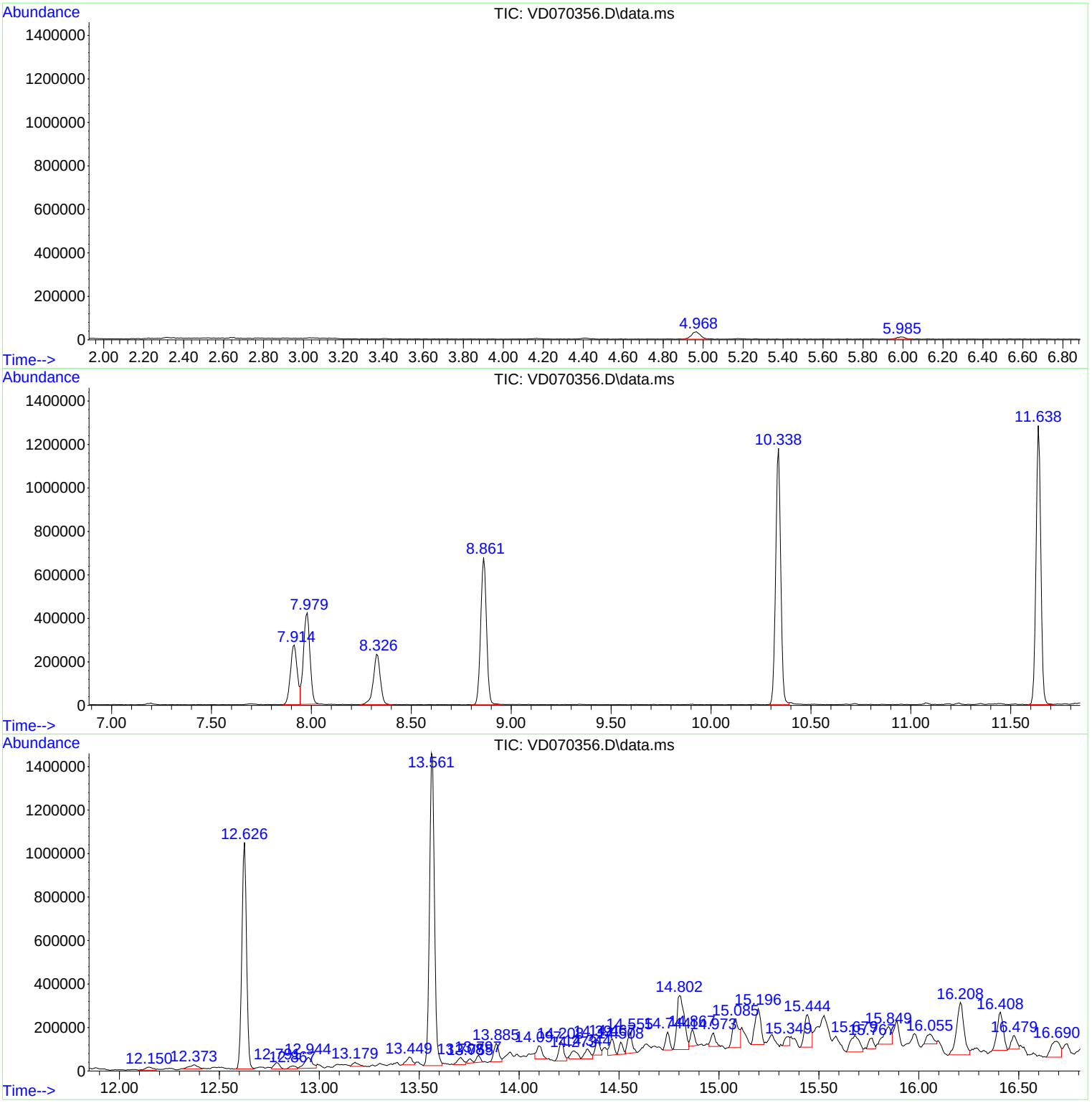
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

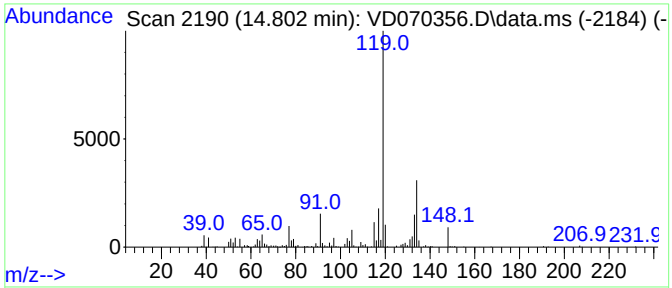
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

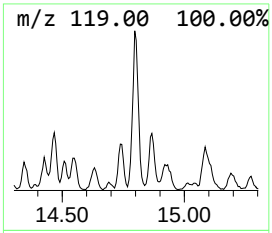
****

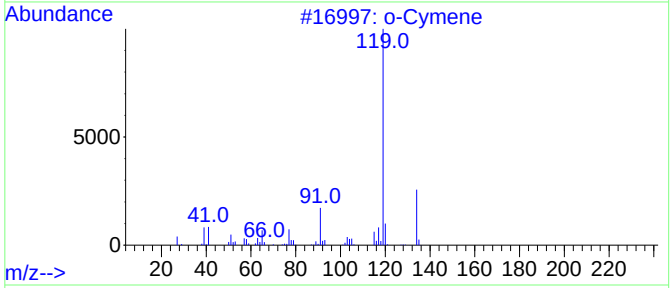
Peak Number 2 o-Cymene Concentration Rank 1

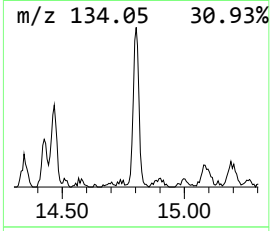
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.802	13.08 ug/l	641824	1,4-Dichlorobenzene-d4	13.567

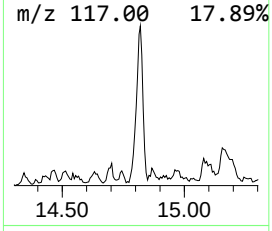
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	p-Cymene	134	C10H14	000099-87-6	81

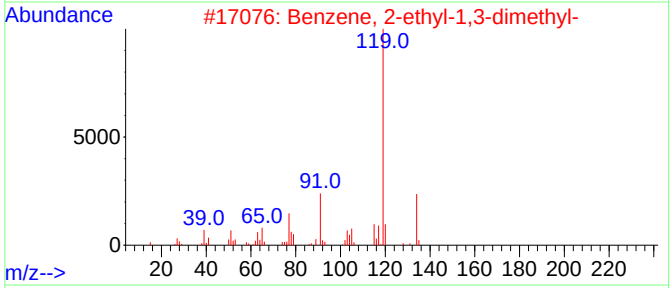


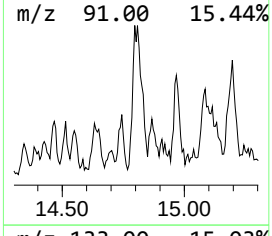


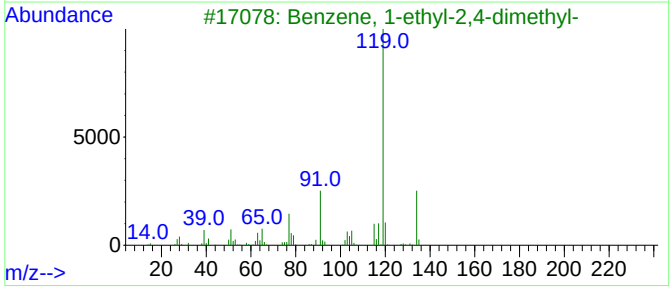


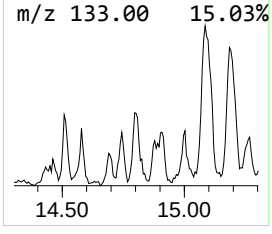












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

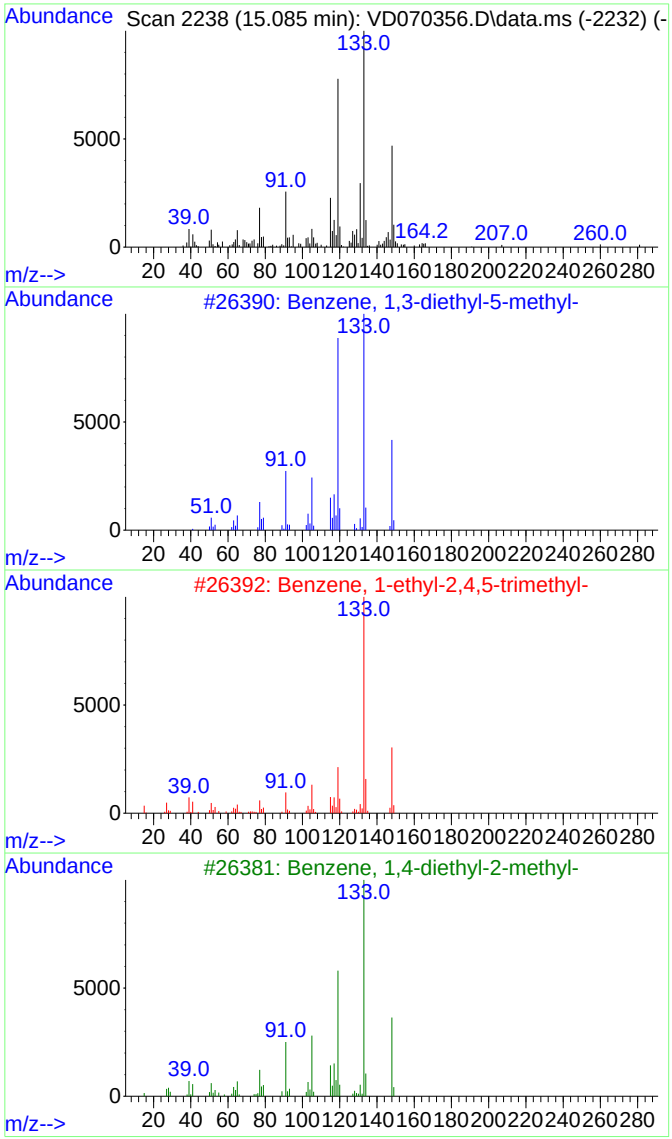
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

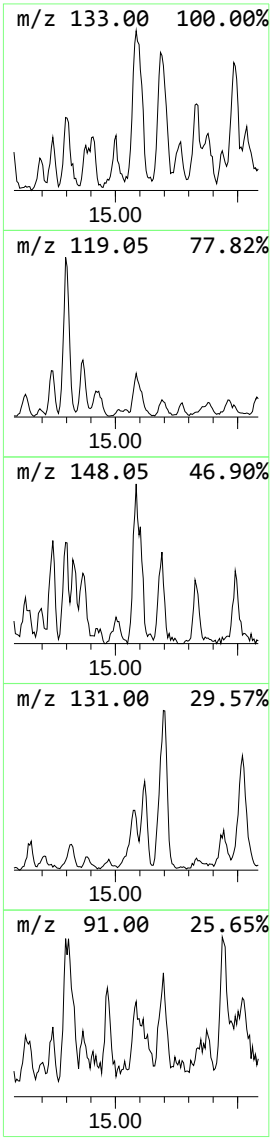
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.085	6.17 ug/l	302658	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	60
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

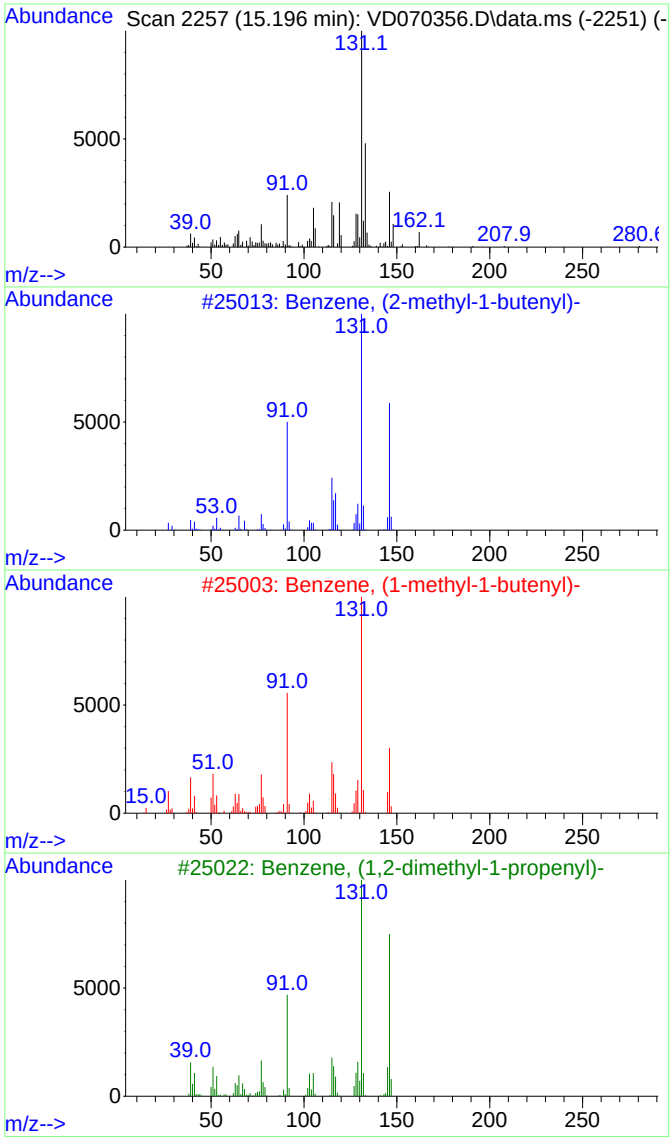
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

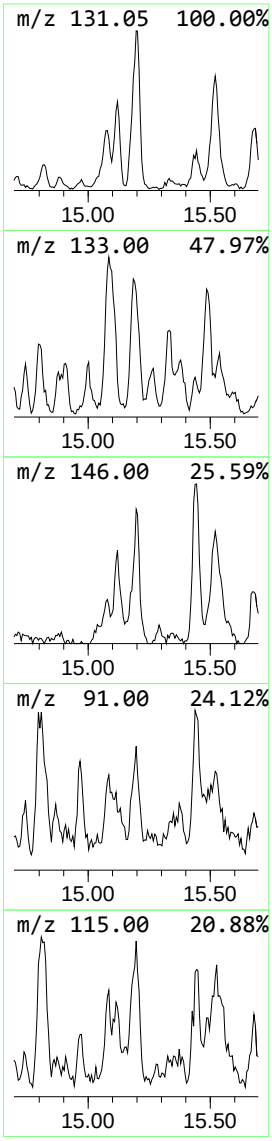
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.197	6.85 ug/l	336202	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	62
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

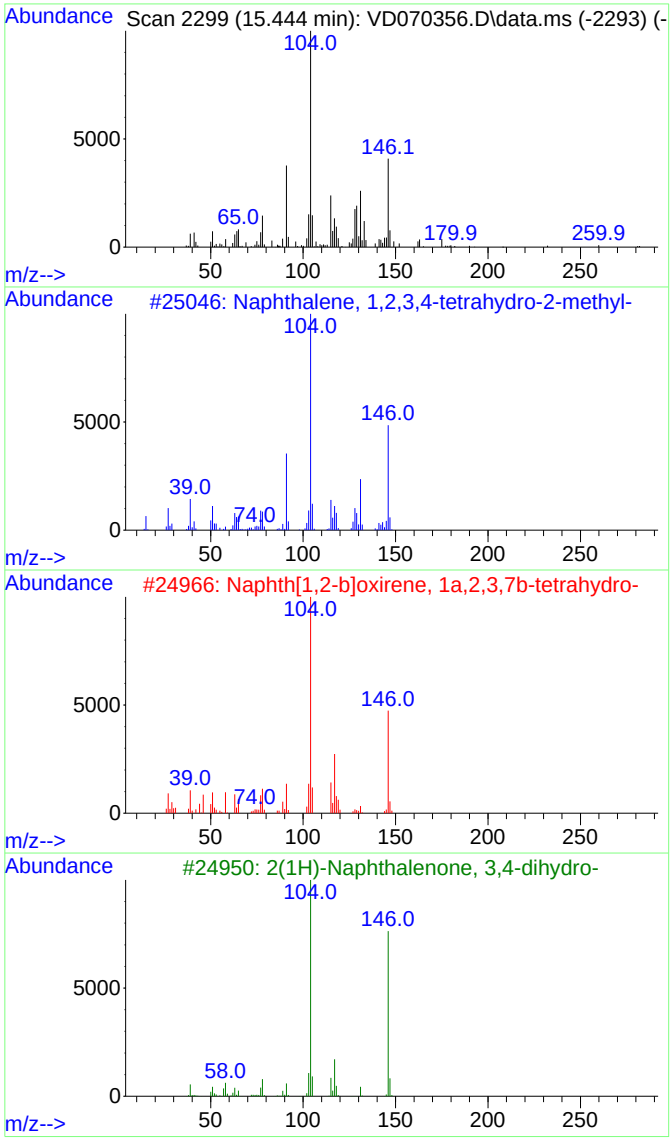
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

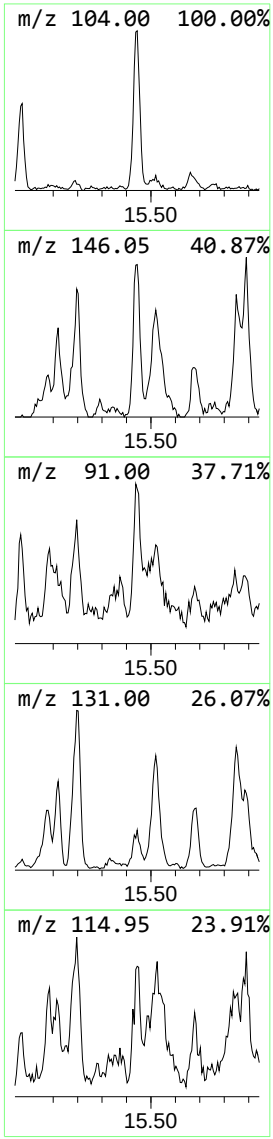
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.444	6.50 ug/l	318744	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	35
5	1,3-Propanediamine, 2-phenyl-	150	C9H14N2	055165-09-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

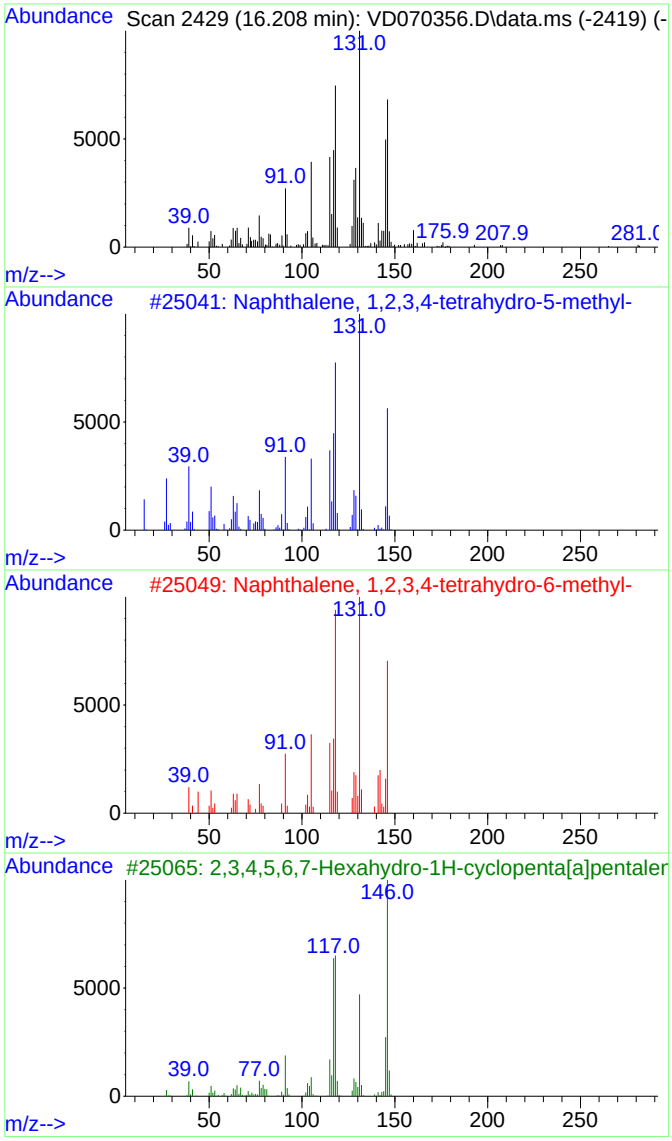
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

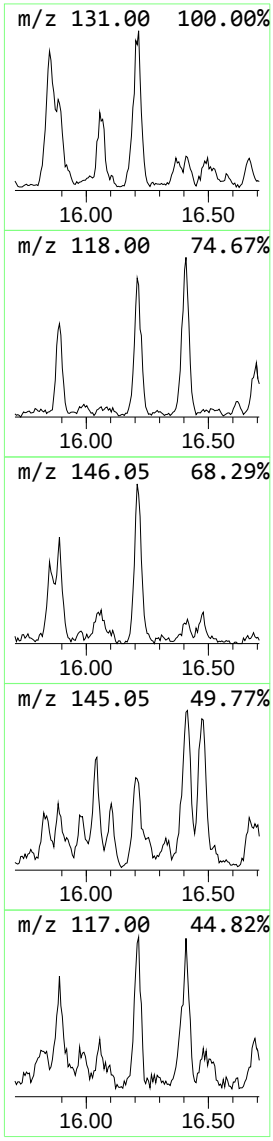
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	12.46 ug/l	610968	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	68
4	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	46
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
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Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

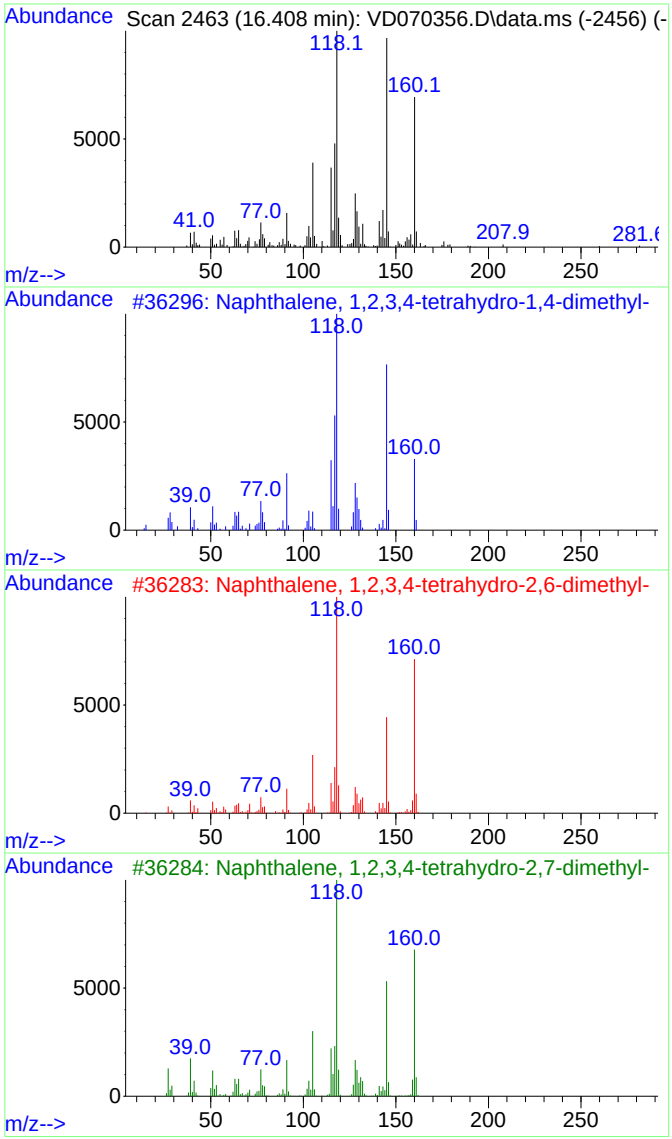
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

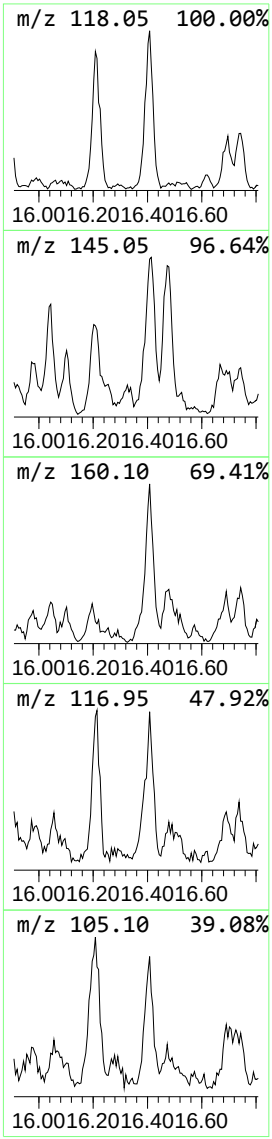
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.408	7.61 ug/l	373244	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	52
4	4-(1H-Imidazol-2-yl)pyridine	145	C8H7N3	021202-42-6	50
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070356.D
Acq On : 14 Sep 2021 16:36
Operator : VA/SY
Sample : M3725-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-01-091321

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.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
o-Cymene	14.802	13.1	ug/l	641824	4	13.567	2452600	50.0
Benzene, 1,3-di...	15.085	6.2	ug/l	302658	4	13.567	2452600	50.0
Benzene, (2-met...	15.197	6.8	ug/l	336202	4	13.567	2452600	50.0
Naphthalene, 1,...	15.444	6.5	ug/l	318744	4	13.567	2452600	50.0
Naphthalene, 1,...	16.208	12.5	ug/l	610968	4	13.567	2452600	50.0
Naphthalene, 1,...	16.408	7.6	ug/l	373244	4	13.567	2452600	50.0