

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069885.D
 Acq On : 28 Jul 2021 13:31
 Operator : VA/SY
 Sample : M3204-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-072721

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\82D072221S.M
 Title : SW846 8260

Signal : TIC: VD069885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.221	44	51	52	rBV4	11859	18439	3.18%	0.408%
2	2.321	64	68	70	rBV4	4480	5900	1.02%	0.130%
3	2.338	70	71	79	rVV7	5228	8212	1.42%	0.182%
4	2.497	97	98	101	rVB2	7975	6529	1.13%	0.144%
5	2.538	101	105	108	rBV6	6733	11412	1.97%	0.252%
6	2.626	116	120	121	rBV3	6728	9255	1.60%	0.205%
7	2.779	142	146	151	rVB6	8531	17450	3.01%	0.386%
8	4.950	513	515	517	rVV3	5115	5885	1.01%	0.130%
9	7.691	975	981	985	rBV2	4596	9048	1.56%	0.200%
10	7.914	1008	1019	1024	rBV2	78436	184478	31.80%	4.078%
11	7.973	1024	1029	1039	rVB	135998	302665	52.17%	6.691%
12	8.332	1082	1090	1098	rBV2	104334	243800	42.02%	5.390%
13	8.861	1171	1180	1189	rBV	200906	407400	70.22%	9.007%
14	9.356	1259	1264	1269	rVB6	13427	26325	4.54%	0.582%
15	9.773	1330	1335	1340	rVB3	3578	6876	1.19%	0.152%
16	9.973	1365	1369	1375	rBV6	6381	14474	2.49%	0.320%
17	10.114	1388	1393	1396	rBV4	5902	9671	1.67%	0.214%
18	10.338	1420	1431	1442	rBV	311353	580182	100.00%	12.827%
19	10.679	1484	1489	1493	rBV7	6127	11187	1.93%	0.247%
20	10.950	1529	1535	1541	rVB4	6791	13324	2.30%	0.295%
21	11.050	1548	1552	1555	rBV4	3935	6445	1.11%	0.142%
22	11.167	1568	1572	1573	rBV3	4647	6108	1.05%	0.135%
23	11.191	1573	1576	1579	rVV4	6684	9166	1.58%	0.203%
24	11.244	1579	1585	1590	rVV7	10281	19846	3.42%	0.439%
25	11.332	1596	1600	1601	rBV4	5407	7347	1.27%	0.162%
26	11.350	1601	1603	1608	rVB6	9504	10690	1.84%	0.236%
27	11.520	1628	1632	1638	rBV6	11638	18582	3.20%	0.411%
28	11.638	1646	1652	1661	rBV	304472	542307	93.47%	11.989%
29	11.879	1688	1693	1699	rBV7	8884	18675	3.22%	0.413%
30	11.926	1699	1701	1706	rVB4	6963	9068	1.56%	0.200%
31	12.144	1730	1738	1743	rBV9	13108	32289	5.57%	0.714%
32	12.261	1752	1758	1763	rVB6	11234	18805	3.24%	0.416%
33	12.344	1768	1772	1774	rBV5	10474	13259	2.29%	0.293%
34	12.367	1774	1776	1778	rBV3	6724	6075	1.05%	0.134%
35	12.467	1789	1793	1794	rBV4	7339	9413	1.62%	0.208%
36	12.508	1798	1800	1802	rVV3	14524	18755	3.23%	0.415%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	12.549	1805	1807	1813	rVV6	15625	20593	3.55%	0.455%
38	12.626	1813	1820	1825	rVB	218300	366756	63.21%	8.108%
39	12.708	1829	1834	1840	rBV8	11594	20256	3.49%	0.448%
40	12.791	1845	1848	1853	rVB7	9245	15791	2.72%	0.349%
41	12.855	1858	1859	1861	rBV2	6666	5849	1.01%	0.129%
42	12.949	1863	1875	1889	rVV7	47953	233932	40.32%	5.172%
43	13.085	1893	1898	1903	rVB8	7130	13751	2.37%	0.304%
44	13.179	1910	1914	1917	rVV6	10816	13600	2.34%	0.301%
45	13.373	1935	1947	1955	rVV4	58112	213279	36.76%	4.715%
46	13.479	1959	1965	1966	rBV5	10288	15602	2.69%	0.345%
47	13.496	1966	1968	1969	rBV2	9944	8672	1.49%	0.192%
48	13.567	1974	1980	1988	rVB	312438	534381	92.11%	11.814%
49	13.708	2000	2004	2008	rBV7	6466	11276	1.94%	0.249%
50	13.773	2013	2015	2019	rBV5	5605	7955	1.37%	0.176%
51	13.885	2030	2034	2036	rBV5	10078	14037	2.42%	0.310%
52	13.996	2045	2053	2061	rVB9	25163	78512	13.53%	1.736%
53	14.332	2106	2110	2111	rBV4	10335	9471	1.63%	0.209%
54	14.561	2142	2149	2152	rBV9	19842	47095	8.12%	1.041%
55	14.691	2167	2171	2172	rBV4	8108	8903	1.53%	0.197%
56	14.796	2181	2189	2198	rBV4	19595	55930	9.64%	1.237%
57	15.114	2234	2243	2244	rBV7	28922	68054	11.73%	1.505%
58	15.302	2271	2275	2277	rVB8	6683	7267	1.25%	0.161%
59	15.373	2285	2287	2291	rBV5	5362	8147	1.40%	0.180%
60	15.526	2310	2313	2314	rBV3	9989	10545	1.82%	0.233%
61	15.690	2333	2341	2342	rBV8	18513	37556	6.47%	0.830%
62	15.879	2370	2373	2375	rBV4	4529	6281	1.08%	0.139%
63	15.996	2388	2393	2394	rBV5	7888	12695	2.19%	0.281%
64	16.320	2446	2448	2456	rVB8	6579	13799	2.38%	0.305%
65	16.396	2460	2461	2463	rBV2	7124	5933	1.02%	0.131%
66	16.579	2490	2492	2495	rVB3	5838	6714	1.16%	0.148%
67	16.685	2507	2510	2514	rVB6	7458	11258	1.94%	0.249%

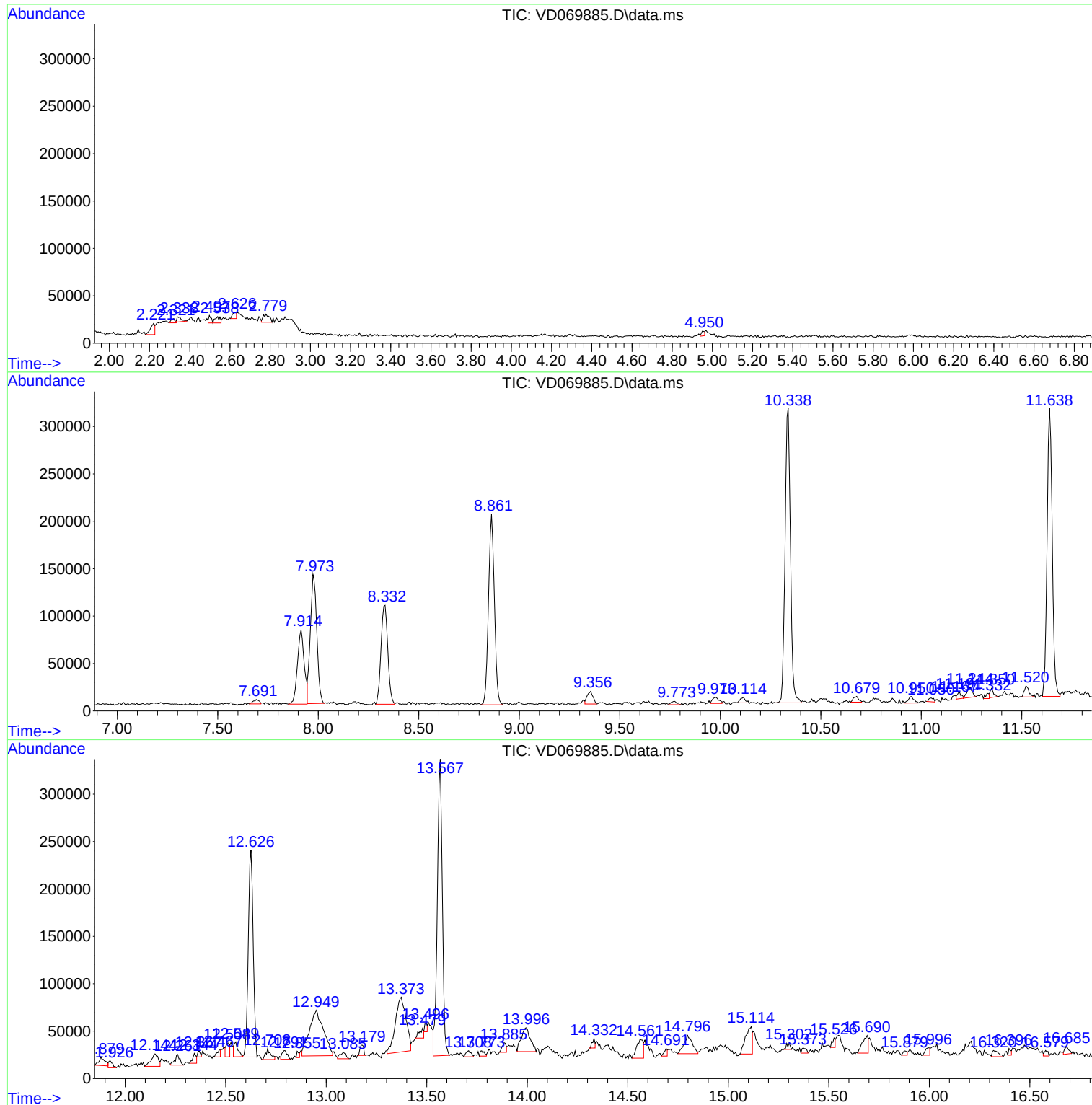
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Instrument :
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ClientSampleId :
EO-03-072721

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

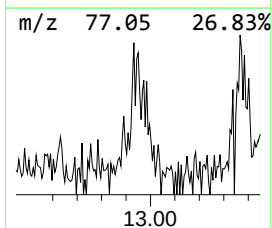
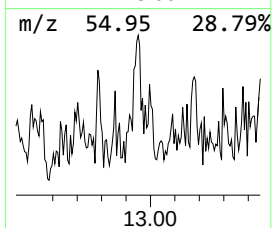
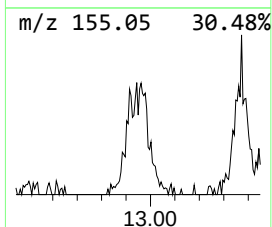
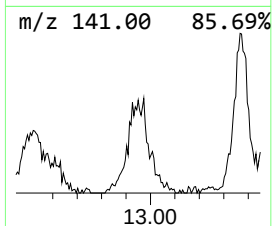
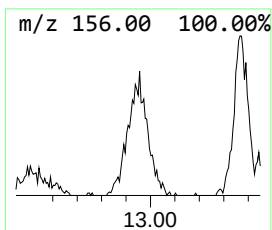
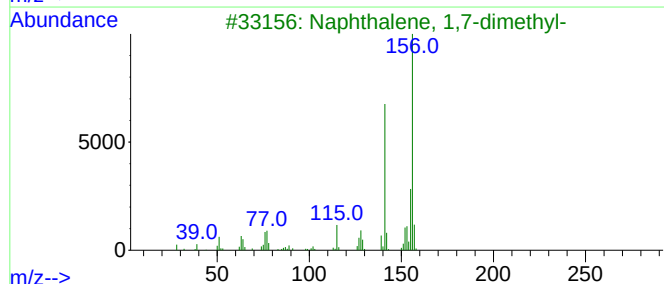
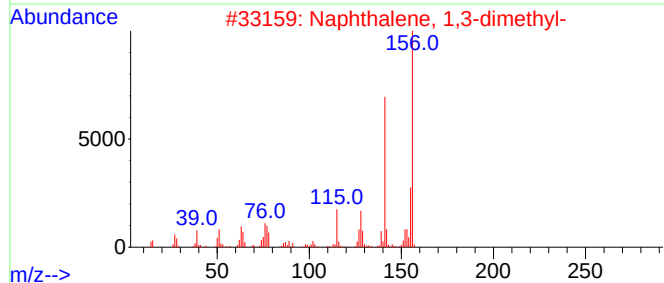
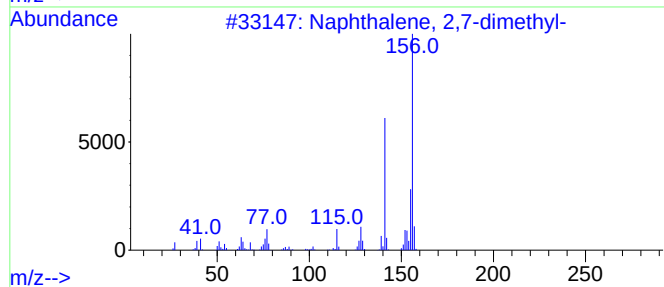
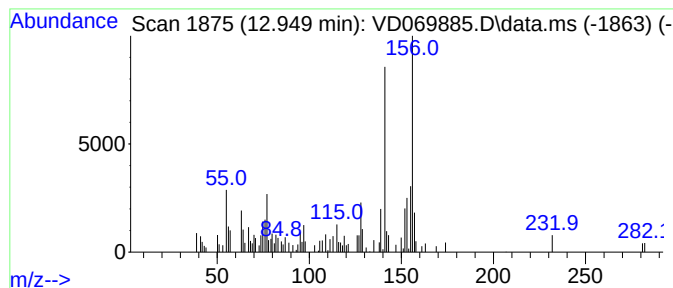
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	21.89 ug/l	233932	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

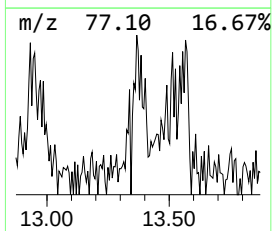
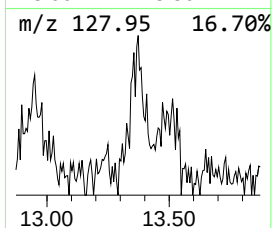
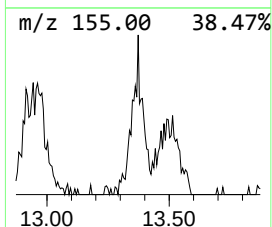
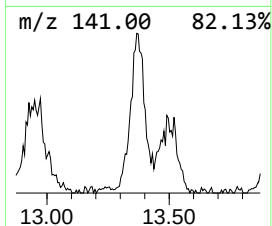
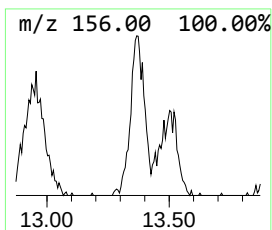
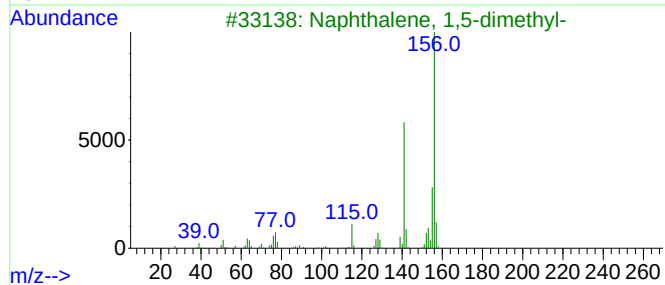
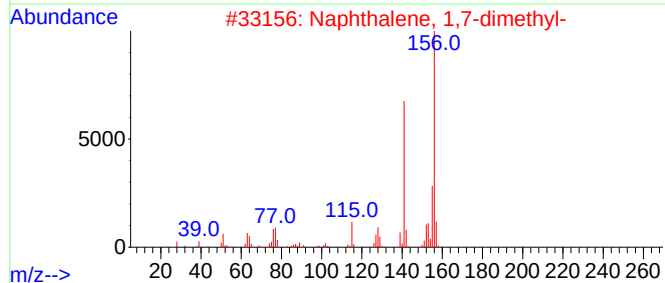
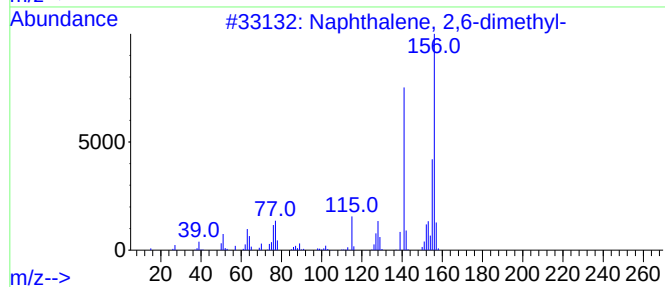
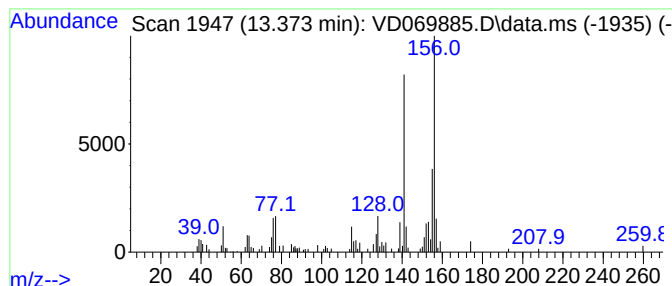
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	19.96 ug/l	213279	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



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Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

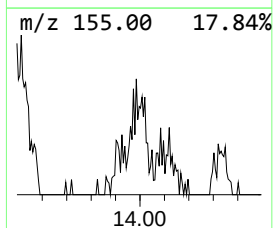
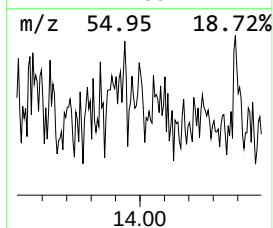
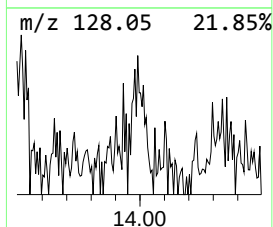
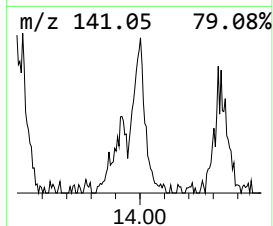
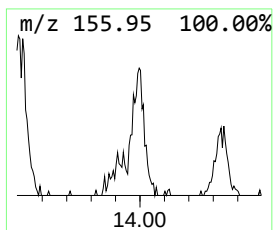
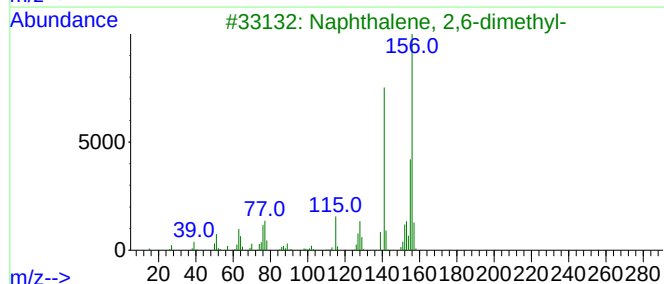
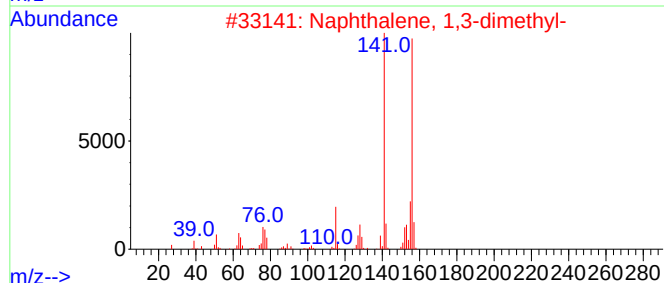
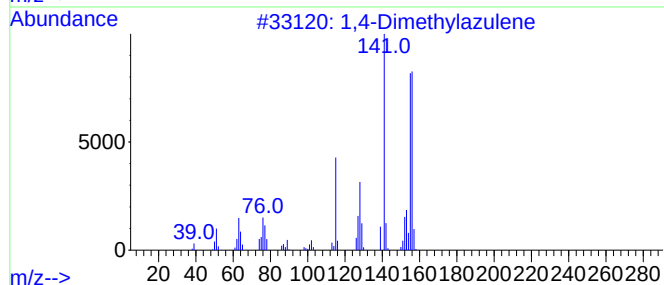
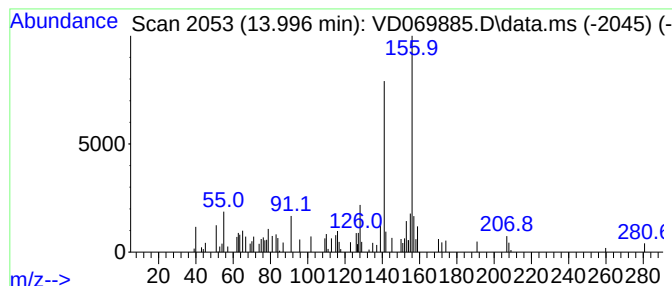
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 3 1,4-Dimethylazulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.996	7.35 ug/l	78512	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethylazulene	156	C12H12	001127-69-1	81
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	81
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	74
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	74



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Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

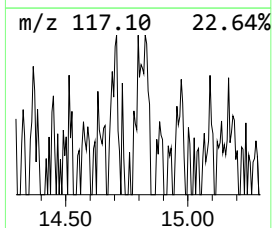
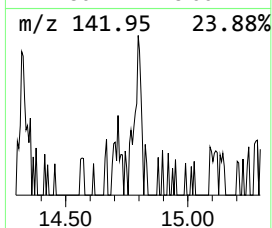
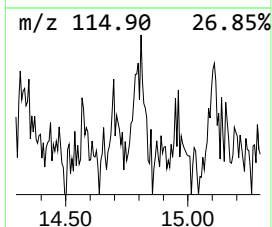
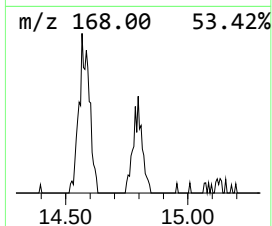
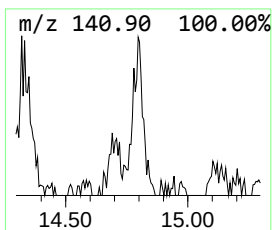
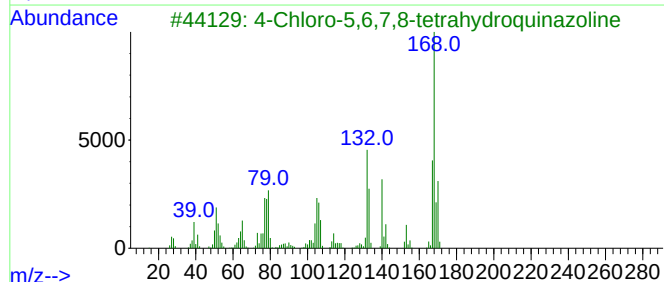
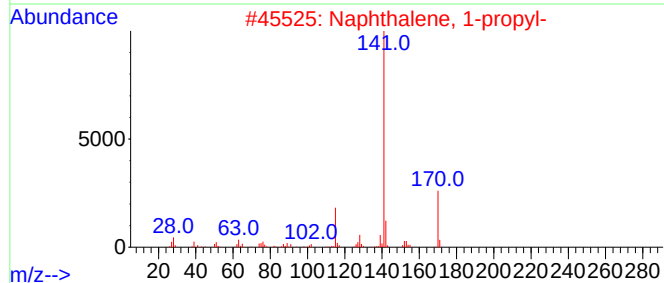
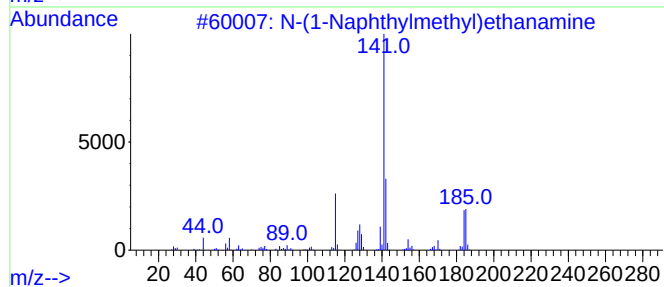
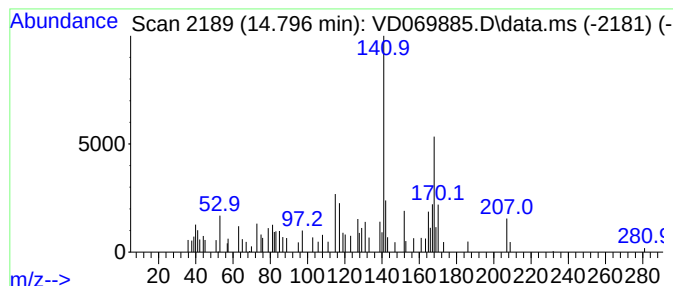
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.796 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.796	5.23 ug/l	55930	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(1-Naphthylmethyl)ethanamine	185	C13H15N	014489-76-0	35
2			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	35
3			4-Chloro-5,6,7,8-tetrahydroquina...	168	C8H9ClN2	001125-62-8	30
4			8-Hexyl-7-thiabicyclo[4.2.1]nonane	226	C14H26S	1000280-72-6	27
5			4-Chloro-1-methyl-1H-pyrazole-3-...	141	C5H4ClN3	175204-86-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069885.D
Acq On : 28 Jul 2021 13:31
Operator : VA/SY
Sample : M3204-03
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

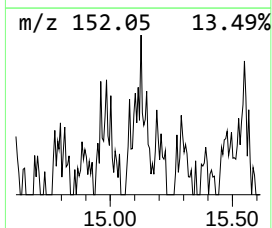
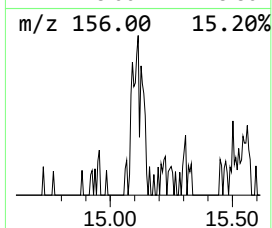
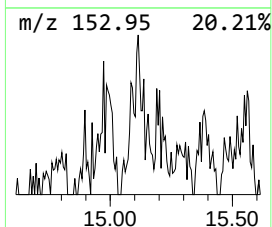
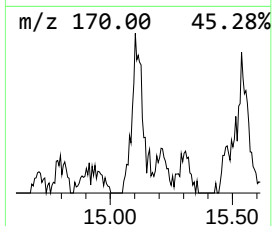
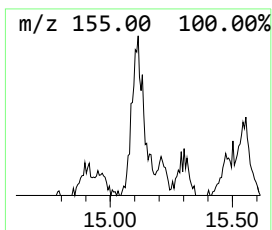
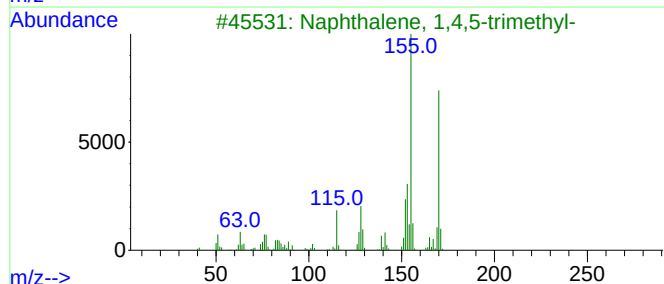
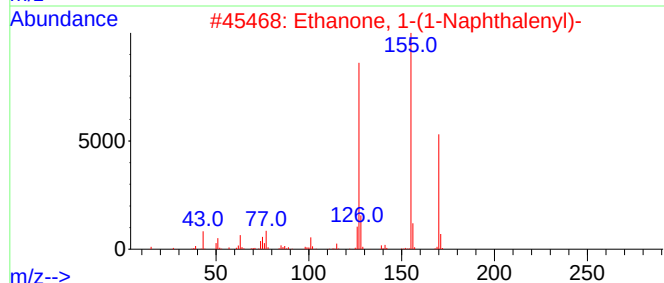
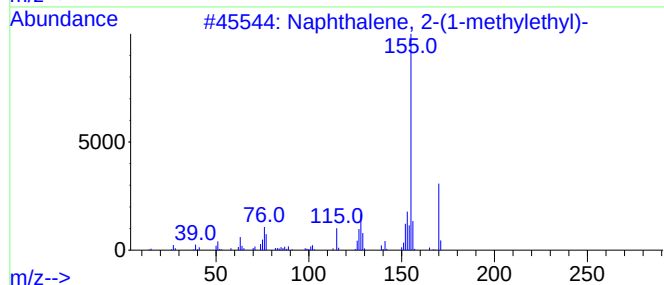
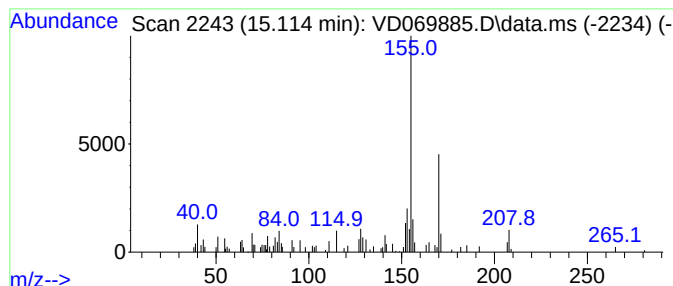
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.114	6.37 ug/l	68054	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	58
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	58



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Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.950	21.9	ug/l	233932	4	13.567	534381	50.0
Naphthalene, 2,...	13.373	20.0	ug/l	213279	4	13.567	534381	50.0
1,4-Dimethylazu...	13.996	7.3	ug/l	78512	4	13.567	534381	50.0
unknown14.796	14.796	5.2	ug/l	55930	4	13.567	534381	50.0
Naphthalene, 2-...	15.114	6.4	ug/l	68054	4	13.567	534381	50.0