

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021969.D
 Acq On : 23 Apr 2025 14:16
 Operator : SY/MD
 Sample : Q1848-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

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_Y\methods\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY021969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	288011	686158	34.84%	6.215%
2	7.707	976	982	996	rVB	439185	994116	50.48%	9.004%
3	8.061	1031	1040	1049	rBV	193537	433955	22.03%	3.931%
4	8.616	1122	1131	1146	rBV	721903	1425248	72.37%	12.909%
5	10.109	1366	1376	1388	rBV	1144682	1969434	100.00%	17.838%
6	11.414	1584	1590	1602	rVB	1041556	1701372	86.39%	15.410%
7	11.950	1662	1678	1679	rBV	29353	99302	5.04%	0.899%
8	12.408	1746	1753	1763	rBV	734227	1159609	58.88%	10.503%
9	12.621	1775	1788	1803	rBV3	103440	489722	24.87%	4.436%
10	12.798	1808	1817	1831	rVB3	68891	268453	13.63%	2.432%
11	13.346	1900	1907	1913	rBV	846493	1311625	66.60%	11.880%
12	13.420	1914	1919	1929	rVB5	33746	111737	5.67%	1.012%
13	13.810	1979	1983	1991	rVB4	11716	31701	1.61%	0.287%
14	13.883	1993	1995	2005	rVB5	11012	20702	1.05%	0.188%
15	14.358	2065	2073	2080	rBV2	12686	42596	2.16%	0.386%
16	14.682	2118	2126	2135	rBV3	24338	89685	4.55%	0.812%
17	14.864	2151	2156	2164	rVB10	9112	21289	1.08%	0.193%
18	15.102	2190	2195	2205	rVB5	20901	60083	3.05%	0.544%
19	15.212	2205	2213	2222	rBV6	14791	51718	2.63%	0.468%
20	15.700	2284	2293	2302	rVB6	6737	19751	1.00%	0.179%
21	16.175	2366	2371	2379	rVB3	11986	23073	1.17%	0.209%
22	16.370	2395	2403	2414	rBV3	12307	29120	1.48%	0.264%

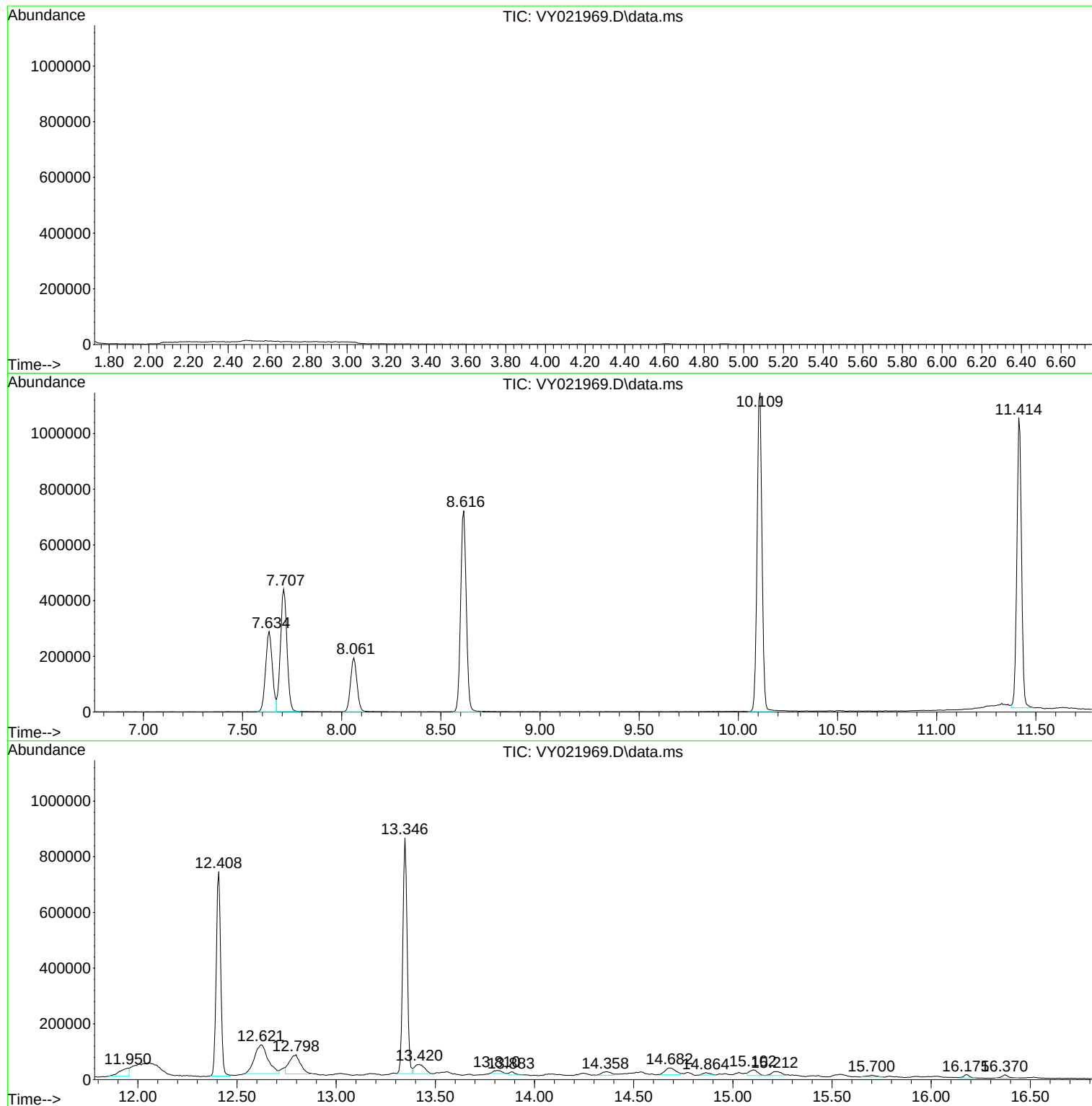
Sum of corrected areas: 11040449

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Quant Title : SW846 8260

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



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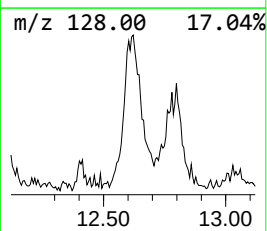
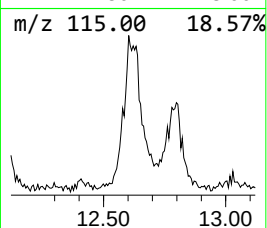
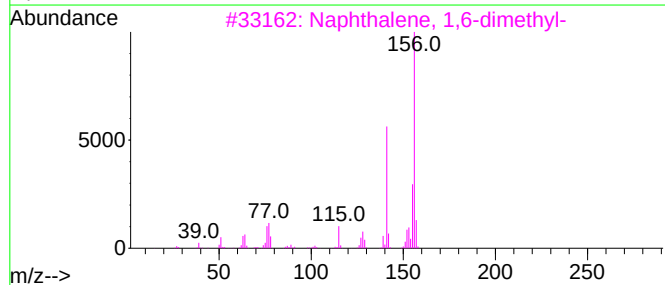
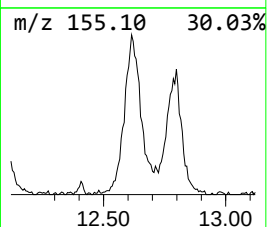
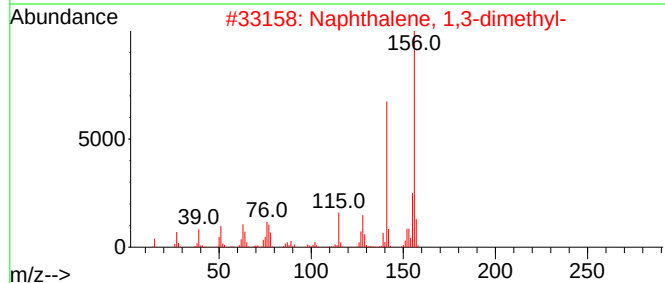
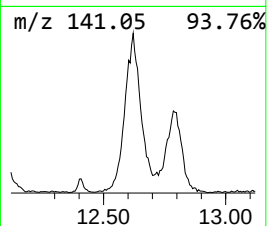
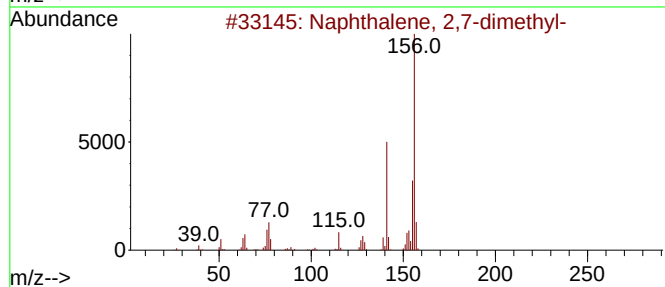
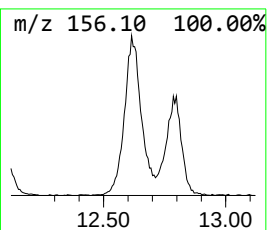
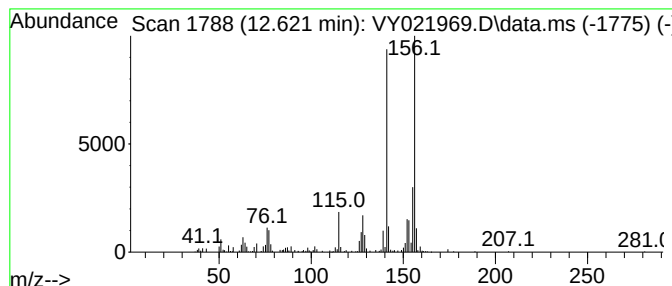
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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.
12.621	18.67 ug/l	489722	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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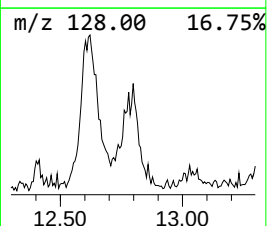
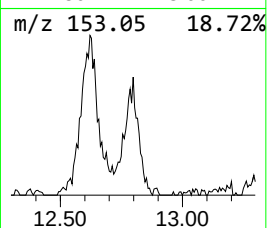
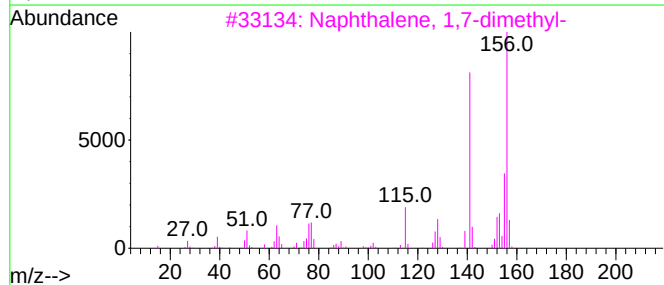
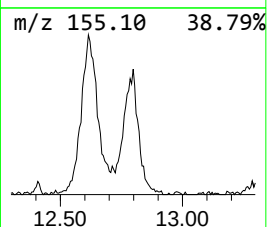
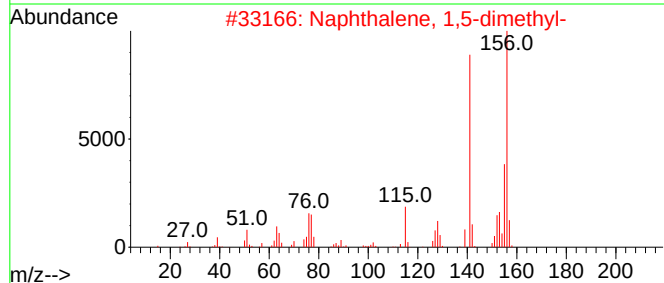
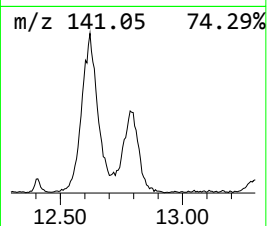
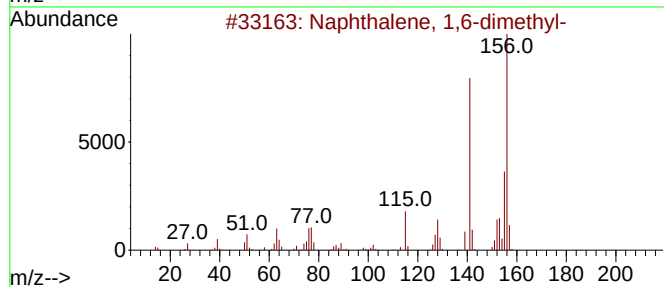
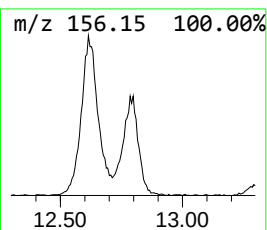
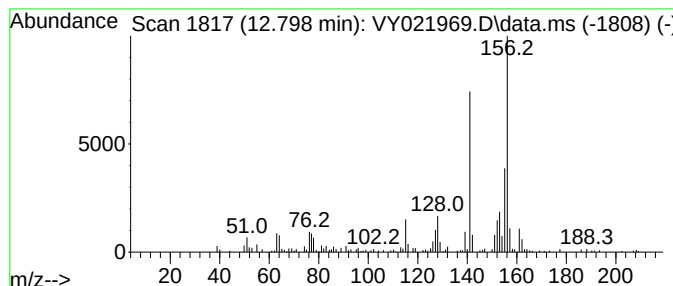
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Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	10.23 ug/l	268453	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.621	18.7	ug/l	489722	4	13.346	1311630	50.0
Naphthalene, 1,...	12.798	10.2	ug/l	268453	4	13.346	1311630	50.0