

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015870.D
 Acq On : 06 Oct 2023 18:21
 Operator : SY/MD
 Sample : 04767-03
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q-3(10-15)

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\82Y100523S.M
 Title : SW846 8260

Signal : TIC: VY015870.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.887	3	11	17	rVB	11493	22414	1.43%	0.133%
2	3.235	227	232	241	rVB5	6730	16838	1.08%	0.100%
3	3.972	343	353	368	rBV2	8536	34341	2.19%	0.204%
4	4.186	378	388	404	rVB	80784	217023	13.86%	1.289%
5	4.716	460	475	497	rBV4	33692	159559	10.19%	0.948%
6	5.228	547	559	574	rVB3	14698	52790	3.37%	0.313%
7	5.740	631	643	657	rBV2	42768	135464	8.65%	0.804%
8	7.009	841	851	863	rBV4	4712	15699	1.00%	0.093%
9	7.716	957	967	972	rBV	217337	530127	33.85%	3.148%
10	7.783	972	978	987	rVV	390581	941351	60.11%	5.590%
11	7.868	987	992	1001	rVV2	14379	34978	2.23%	0.208%
12	7.996	1003	1013	1023	rBV2	53252	125228	8.00%	0.744%
13	8.142	1027	1037	1048	rBV	235469	549279	35.07%	3.262%
14	8.270	1050	1058	1065	rVB2	9215	24395	1.56%	0.145%
15	8.545	1092	1103	1116	rBV	88579	181323	11.58%	1.077%
16	8.685	1117	1126	1141	rBV	600732	1178834	75.27%	7.000%
17	9.368	1230	1238	1247	rVB2	15689	29473	1.88%	0.175%
18	9.819	1306	1312	1315	rBV	32541	58750	3.75%	0.349%
19	9.953	1324	1334	1346	rBV	42379	105148	6.71%	0.624%
20	10.179	1363	1371	1378	rBV	897065	1566042	100.00%	9.300%
21	10.240	1378	1381	1385	rVV	12847	21942	1.40%	0.130%
22	10.301	1385	1391	1395	rVV2	14391	30841	1.97%	0.183%
23	10.368	1395	1402	1408	rVB2	69002	127900	8.17%	0.760%
24	10.599	1430	1440	1444	rBV6	6271	19475	1.24%	0.116%
25	10.801	1463	1473	1478	rBV7	7712	17094	1.09%	0.102%
26	10.898	1485	1489	1496	rBV	9835	17733	1.13%	0.105%
27	10.965	1496	1500	1503	rVV3	15179	23904	1.53%	0.142%
28	10.996	1503	1505	1510	rVB3	11370	16477	1.05%	0.098%
29	11.087	1514	1520	1525	rBV5	11098	20814	1.33%	0.124%
30	11.276	1548	1551	1562	rVB4	27114	71446	4.56%	0.424%
31	11.380	1562	1568	1571	rBV	20585	36277	2.32%	0.215%
32	11.489	1578	1586	1595	rBV	789865	1339573	85.54%	7.955%
33	11.684	1611	1618	1620	rBV	40820	74183	4.74%	0.441%
34	11.837	1637	1643	1646	rBV3	25990	50111	3.20%	0.298%
35	11.873	1646	1649	1655	rVB6	23249	44938	2.87%	0.267%
36	11.934	1655	1659	1662	rVB3	23258	29713	1.90%	0.176%

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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\82Y100523S.M
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37	12.002	1662	1670	1676	rBV4	65089	177188	11.31%	1.052%
38	12.056	1676	1679	1682	rBV	28940	33981	2.17%	0.202%
39	12.117	1682	1689	1694	rVB2	68829	170742	10.90%	1.014%
40	12.197	1694	1702	1705	rBV3	65288	138281	8.83%	0.821%
41	12.233	1705	1708	1713	rVB3	63292	92478	5.91%	0.549%
42	12.319	1713	1722	1725	rBV8	56971	163958	10.47%	0.974%
43	12.379	1727	1732	1735	rBV6	26642	51359	3.28%	0.305%
44	12.477	1743	1748	1754	rVB	624036	990685	63.26%	5.883%
45	12.538	1754	1758	1759	rBV3	17452	20357	1.30%	0.121%
46	12.568	1760	1763	1767	rBV3	38513	59785	3.82%	0.355%
47	12.642	1771	1775	1782	rVB5	81174	161044	10.28%	0.956%
48	12.727	1782	1789	1793	rBV6	92083	209457	13.37%	1.244%
49	12.806	1796	1802	1807	rVV7	52004	118272	7.55%	0.702%
50	12.916	1815	1820	1822	rBV4	52554	92238	5.89%	0.548%
51	12.946	1822	1825	1829	rVB3	91560	136878	8.74%	0.813%
52	13.038	1837	1840	1843	rBV3	40557	62546	3.99%	0.371%
53	13.166	1857	1861	1867	rVB3	75433	117881	7.53%	0.700%
54	13.245	1872	1874	1878	rVV4	21430	27651	1.77%	0.164%
55	13.294	1878	1882	1884	rVV3	38740	64035	4.09%	0.380%
56	13.349	1888	1891	1896	rVV5	41084	67632	4.32%	0.402%
57	13.422	1897	1903	1912	rVB	686363	1078911	68.89%	6.407%
58	13.562	1923	1926	1930	rVB3	39097	56048	3.58%	0.333%
59	13.629	1931	1937	1941	rBV6	27542	64606	4.13%	0.384%
60	13.745	1950	1956	1962	rBV6	91984	197048	12.58%	1.170%
61	14.074	2007	2010	2015	rVB4	24842	34172	2.18%	0.203%
62	14.141	2016	2021	2026	rVB6	35813	72773	4.65%	0.432%
63	14.202	2026	2031	2032	rBV3	29382	45440	2.90%	0.270%
64	14.257	2033	2040	2055	rVB6	164883	515075	32.89%	3.059%
65	14.422	2062	2067	2072	rVB4	52389	84754	5.41%	0.503%
66	14.617	2096	2099	2103	rVB4	18879	23298	1.49%	0.138%
67	14.727	2105	2117	2133	rVV	402140	1313115	83.85%	7.798%
68	14.897	2141	2145	2149	rVB	105190	154480	9.86%	0.917%
69	14.983	2156	2159	2164	rBV4	19553	35016	2.24%	0.208%
70	15.233	2191	2200	2211	rBV	588599	1052435	67.20%	6.250%
71	15.428	2224	2232	2242	rVB	78144	288790	18.44%	1.715%
72	15.550	2247	2252	2257	rBV	148108	240441	15.35%	1.428%
73	15.763	2282	2287	2293	rVB4	53178	102502	6.55%	0.609%
74	15.836	2294	2299	2306	rVB	52773	92149	5.88%	0.547%
75	16.287	2368	2373	2380	rBV	60221	113348	7.24%	0.673%
76	16.373	2383	2387	2394	rVB3	58208	124875	7.97%	0.742%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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77	16.482	2398	2405	2411	rBV	79940	184262	11.77%	1.094%
78	16.745	2442	2448	2455	rBV6	37722	87939	5.62%	0.522%

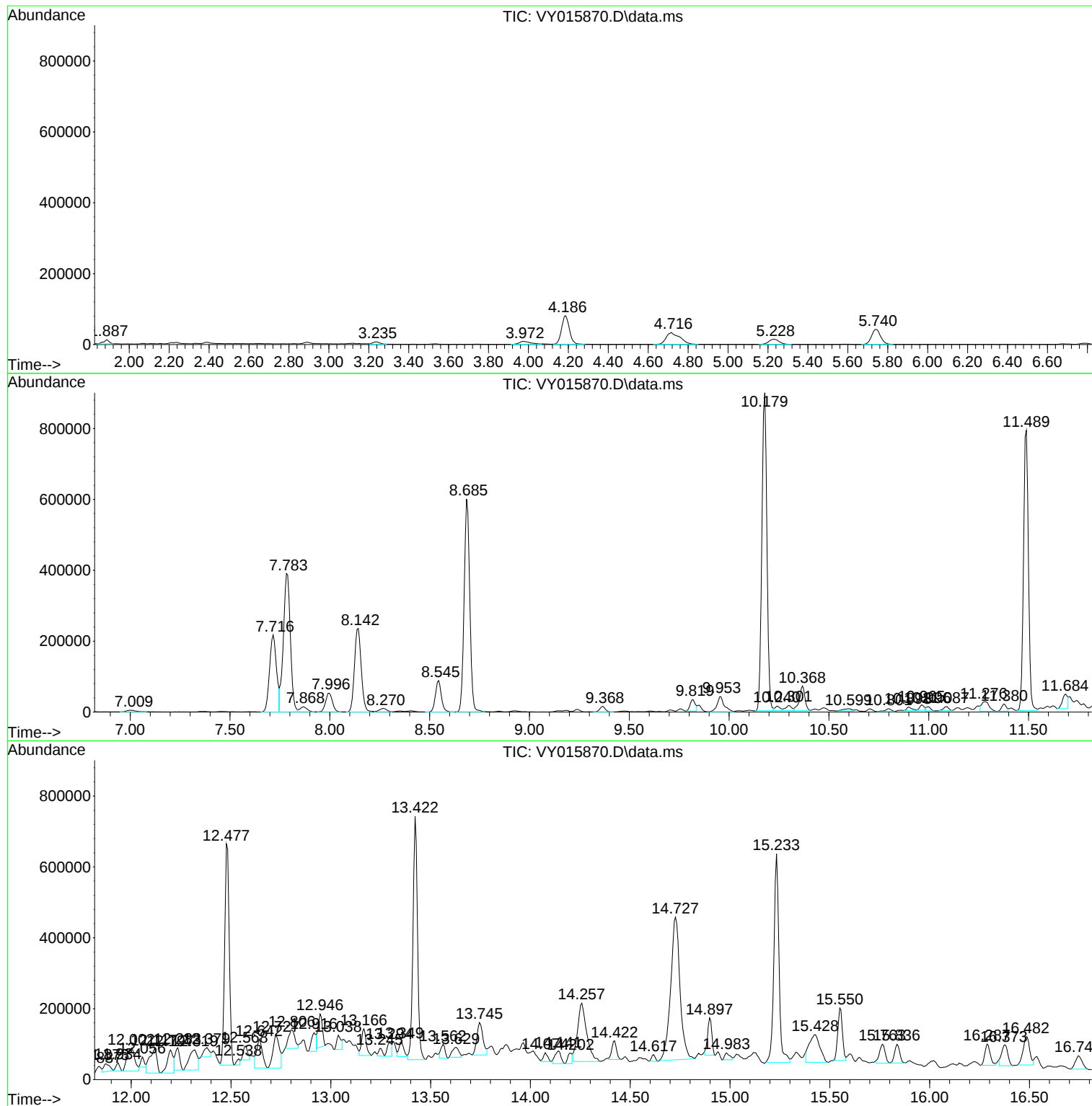
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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



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Instrument :
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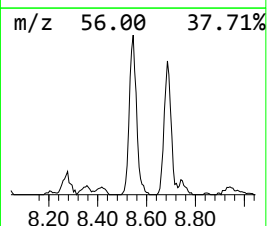
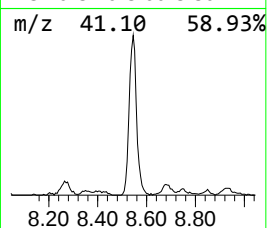
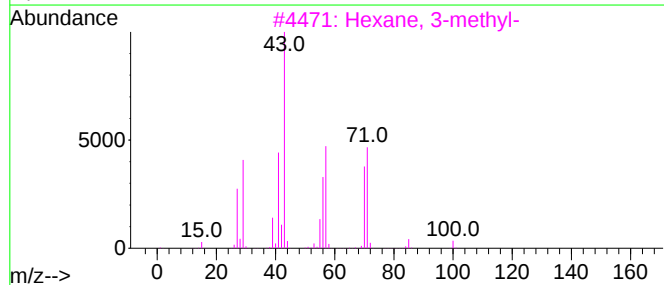
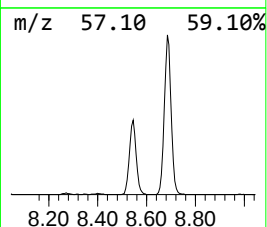
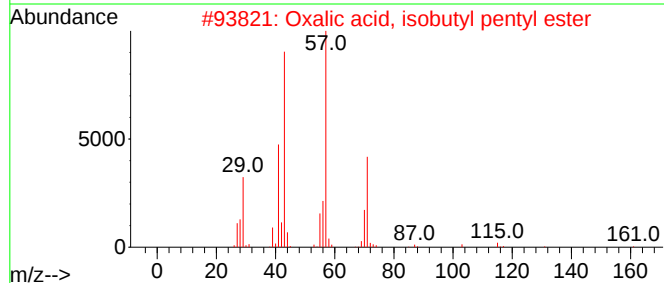
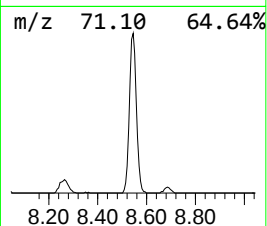
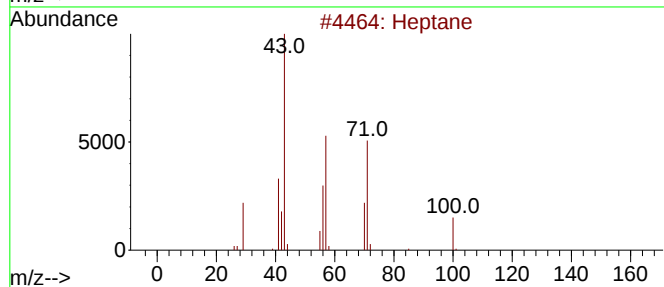
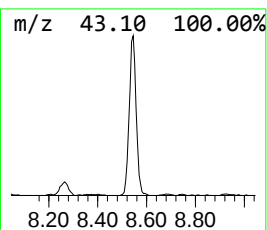
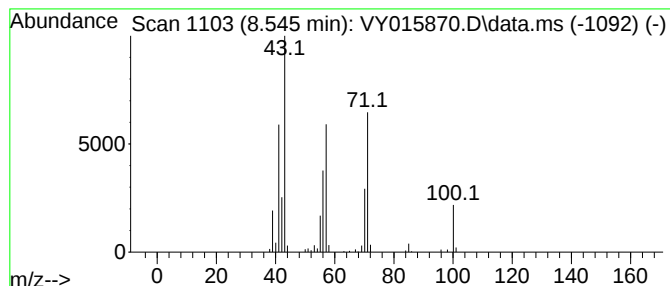
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	7.69 ug/l	181323	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	90
2			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	40
4			3-Hexanone	100	C6H12O	000589-38-8	38
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	37



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Instrument :
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ClientSampleId :
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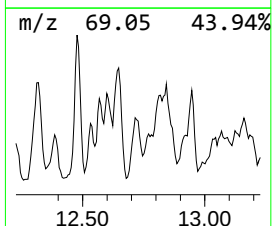
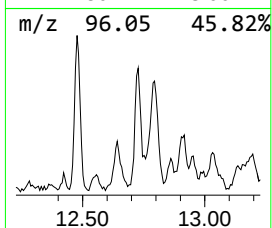
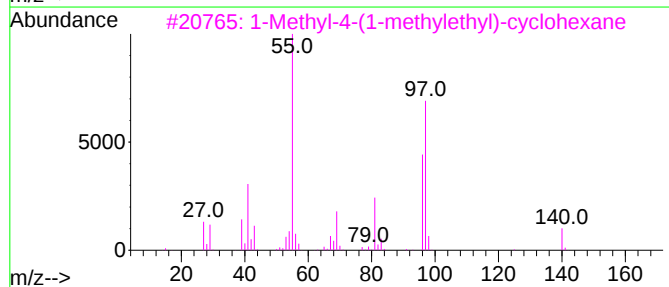
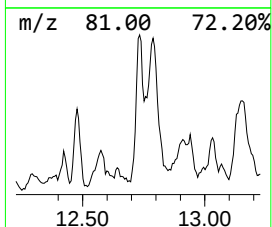
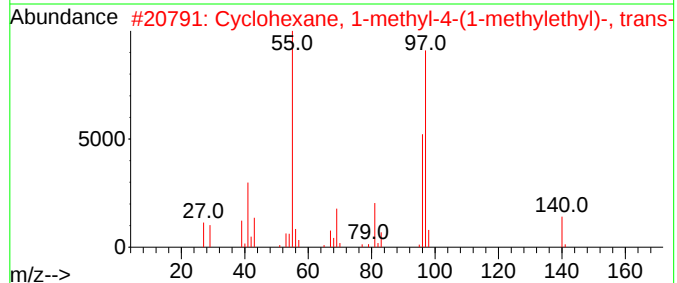
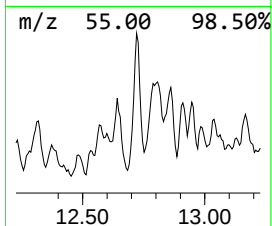
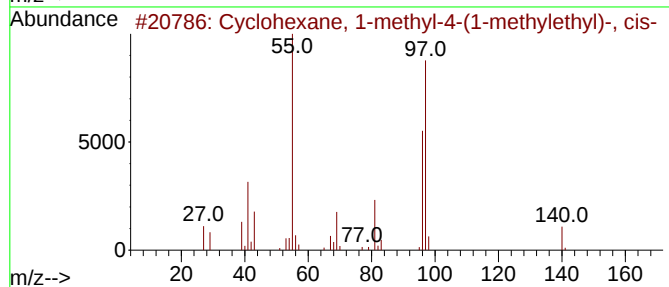
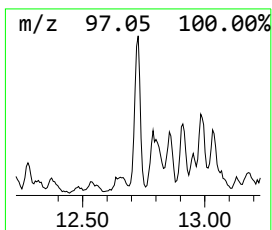
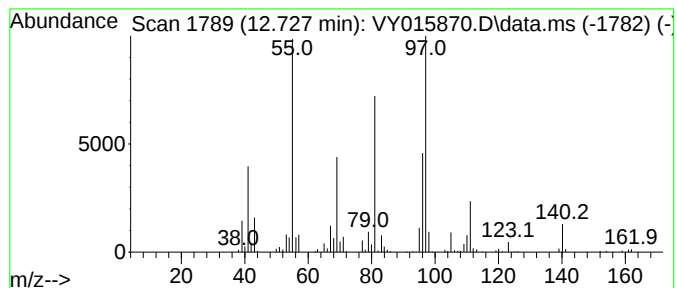
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	9.71 ug/l	209457	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	81
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	76
4			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
5			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	64



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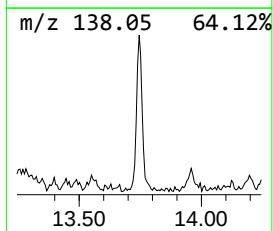
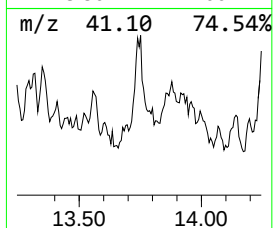
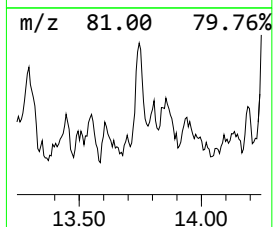
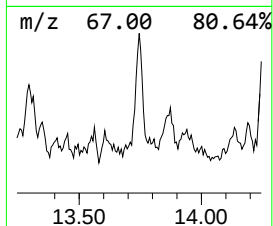
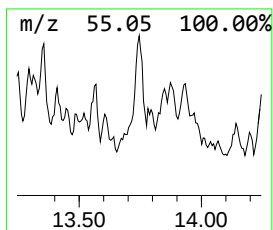
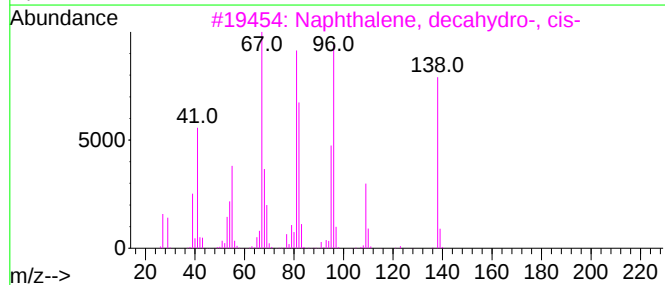
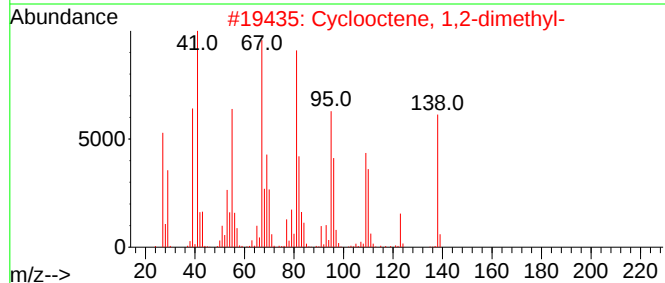
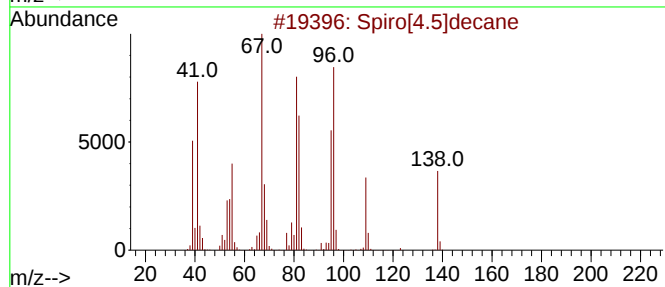
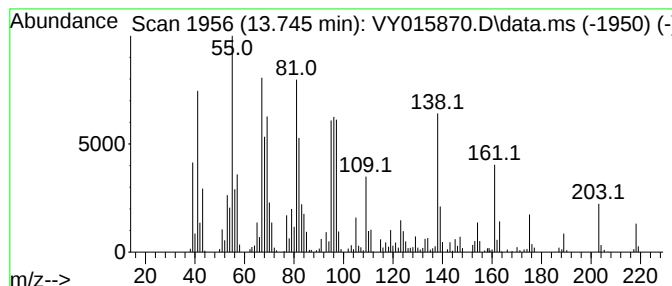
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

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

Peak Number 4 Spiro[4.5]decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	9.13 ug/l	197048	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[4.5]decane	138	C10H18	000176-63-6	86
2			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	83
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	70
5			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	64



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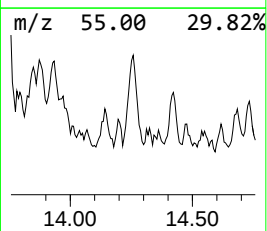
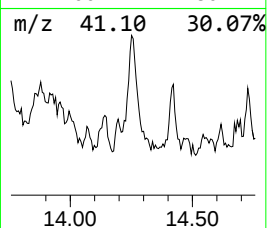
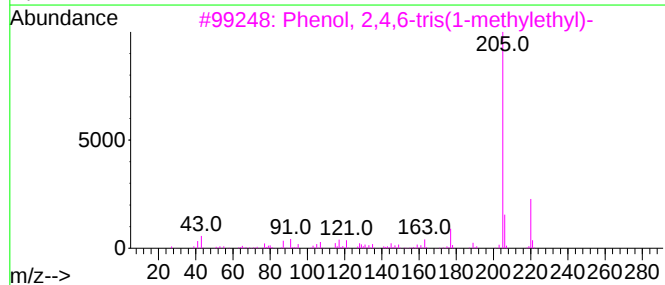
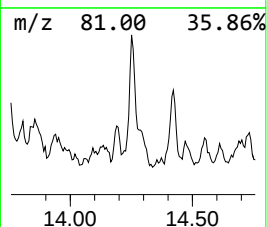
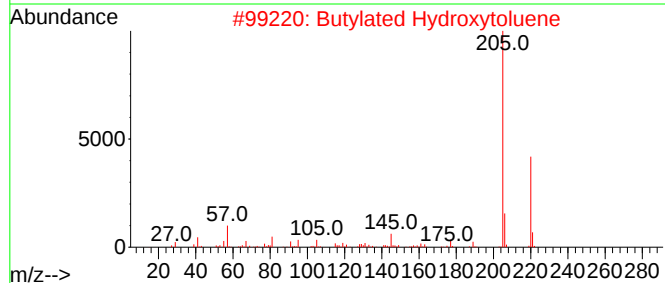
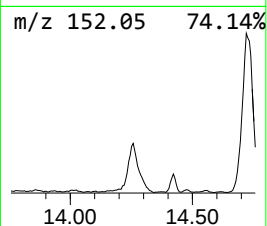
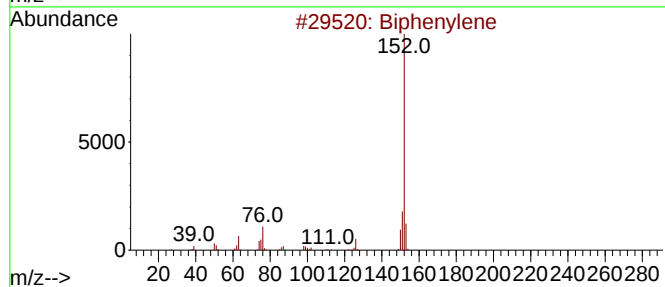
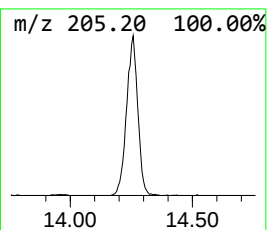
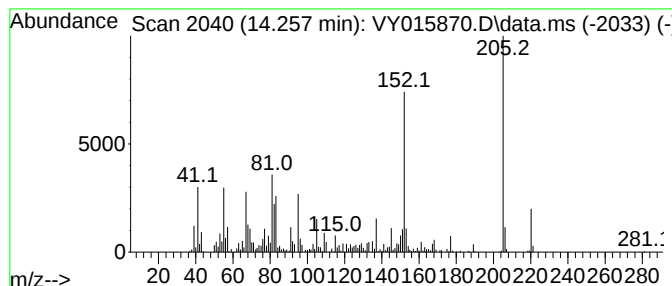
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Quant Title : SW846 8260

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

Peak Number 5 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	23.87 ug/l	515075	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	70
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	64
3			Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	38
4			4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38
5			Acenaphthylene	152	C12H8	000208-96-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

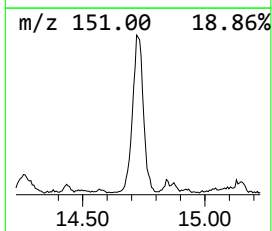
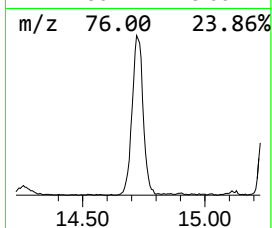
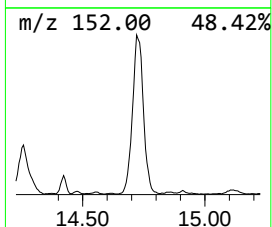
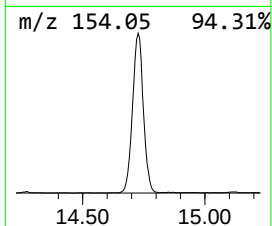
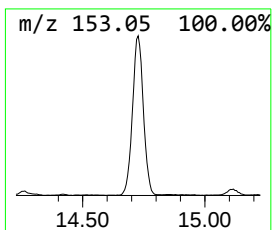
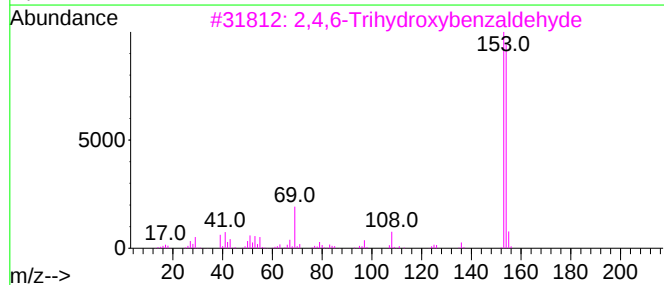
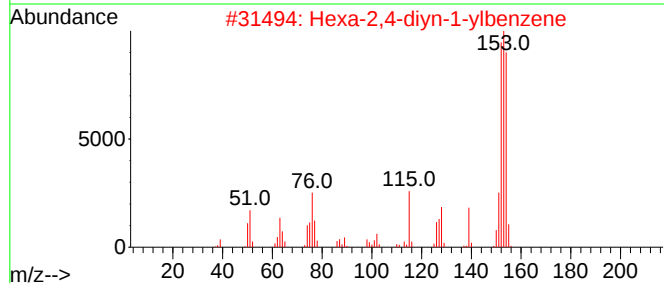
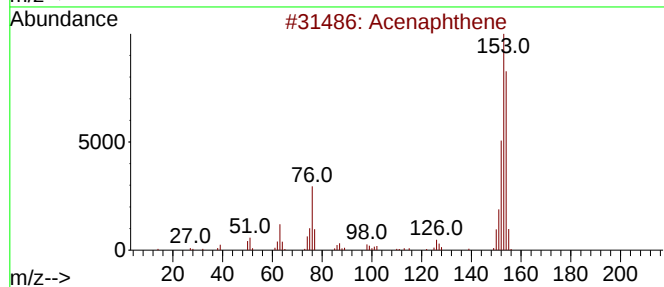
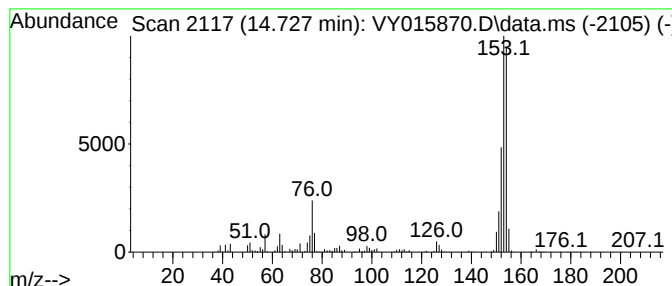
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Quant Title : SW846 8260

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

Peak Number 6 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	60.85 ug/l	1313120	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	76
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
3			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	52
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5			Biphenyl	154	C12H10	000092-52-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

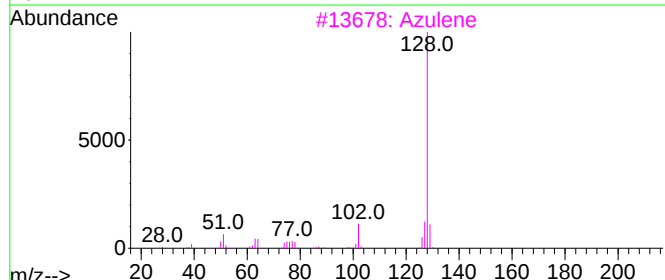
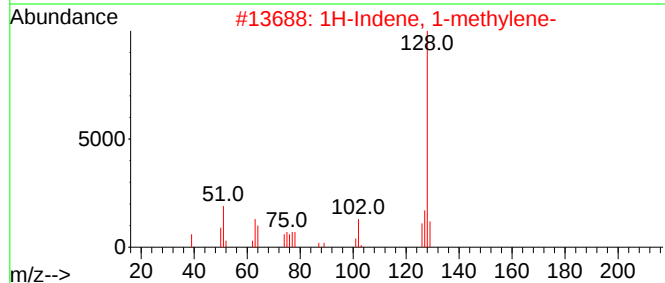
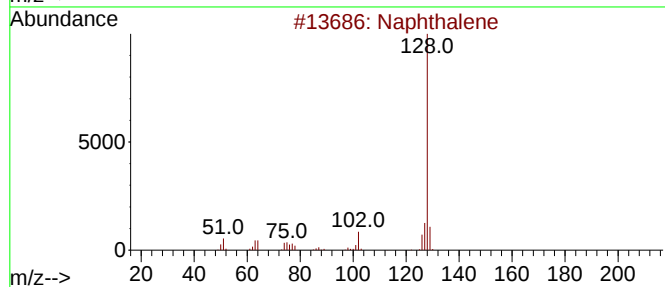
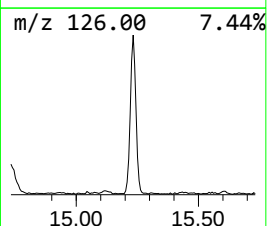
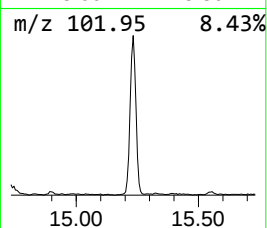
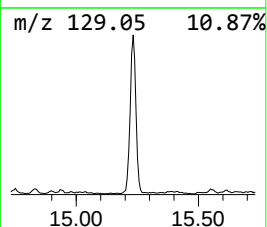
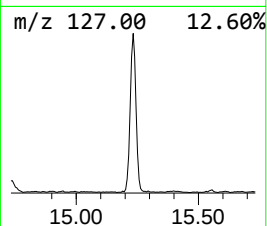
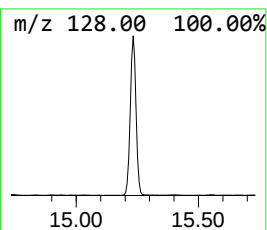
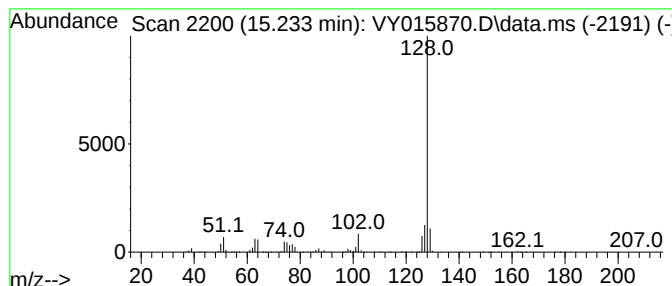
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methylene- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	48.77 ug/l	1052440	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3			Azulene	128	C10H8	000275-51-4	93
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

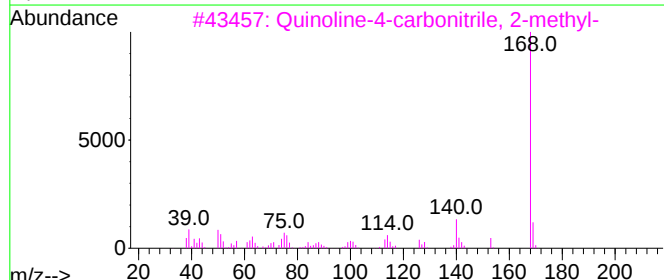
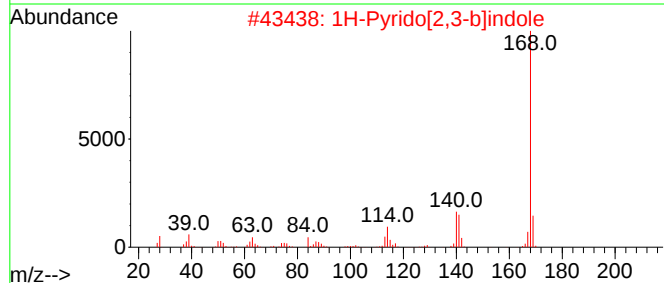
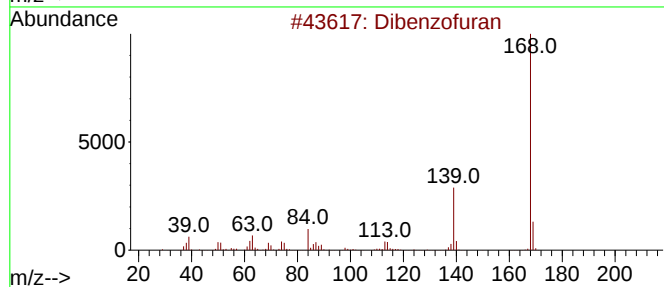
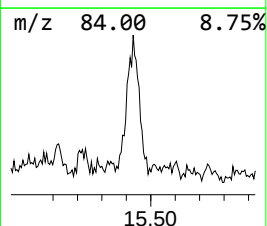
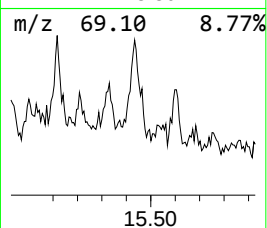
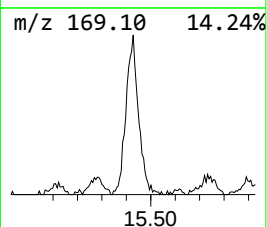
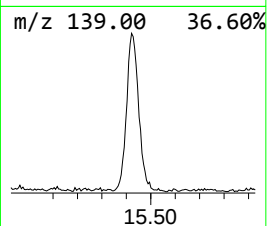
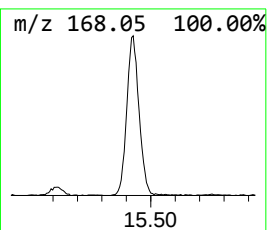
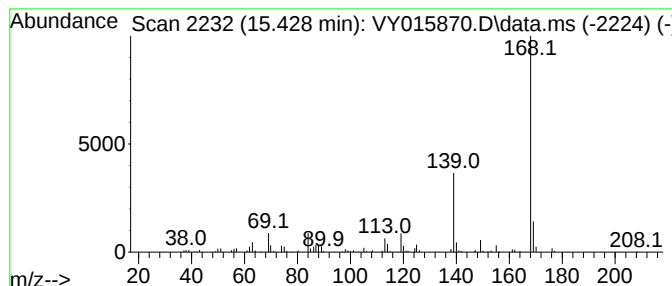
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Quant Title : SW846 8260

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

Peak Number 8 Dibenzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	13.38 ug/l	288790	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	87
2			1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	53
3			Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	53
4			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	52
5			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

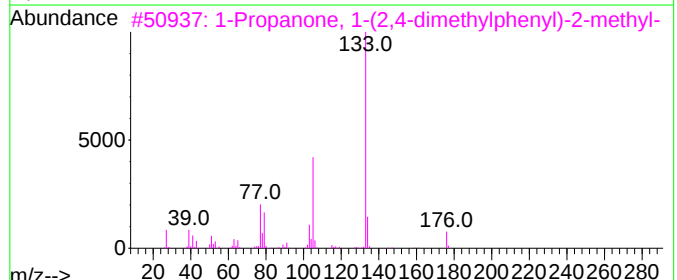
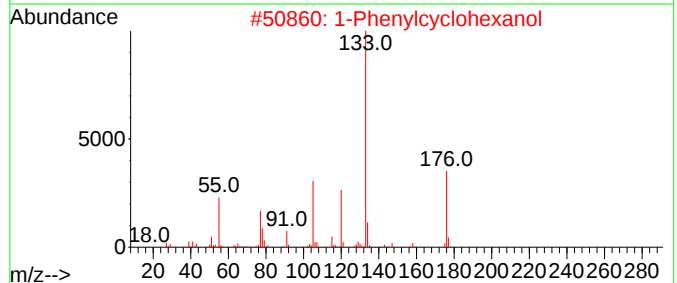
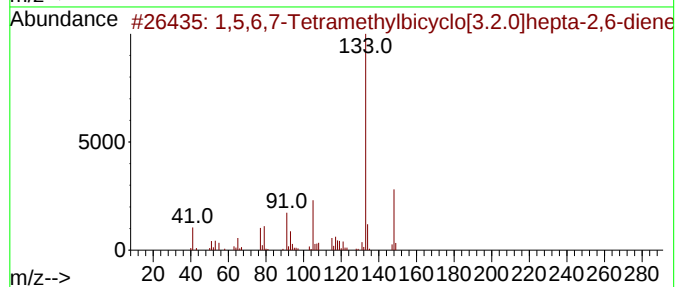
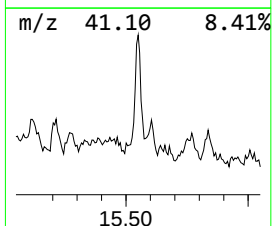
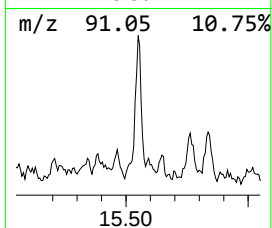
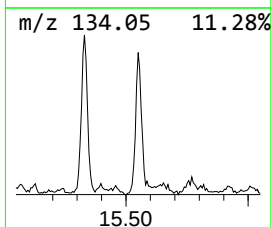
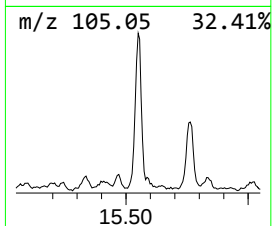
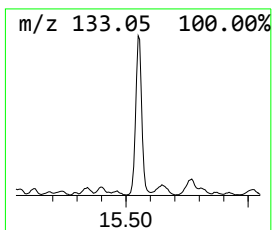
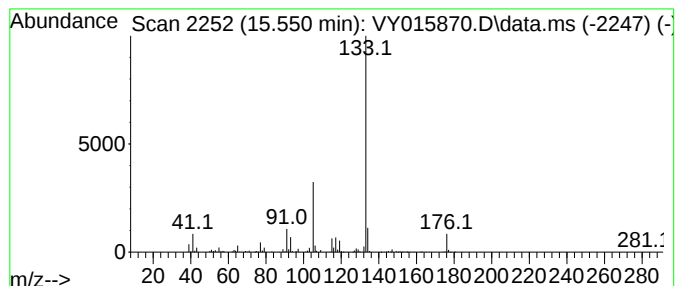
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Quant Title : SW846 8260

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

Peak Number 9 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.550	11.14 ug/l	240441	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	78	
2	1-Phenylcyclohexanol	176	C12H16O	001589-60-2	72	
3	1-Propanone, 1-(2,4-dimethylphen...	176	C12H16O	023351-72-6	72	
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	64	
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

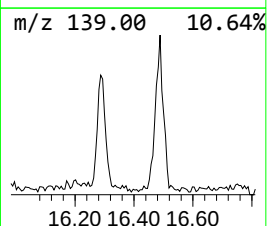
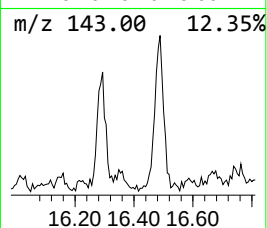
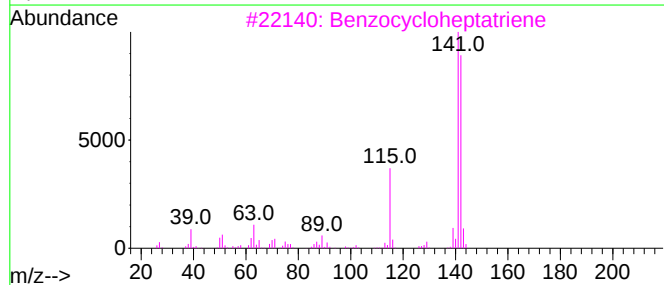
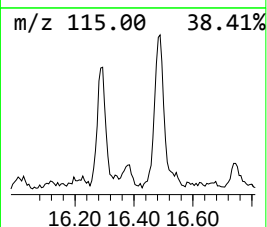
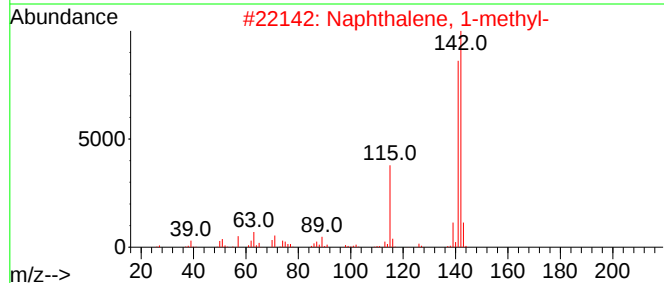
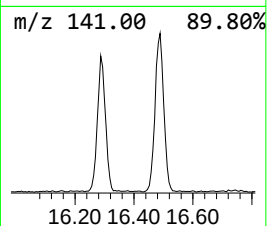
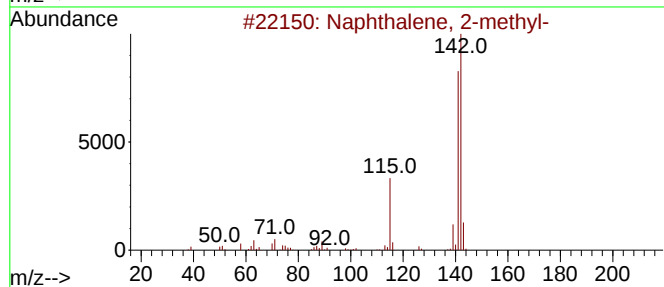
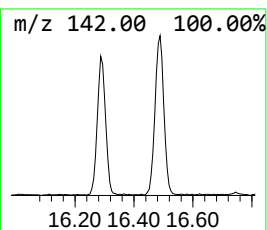
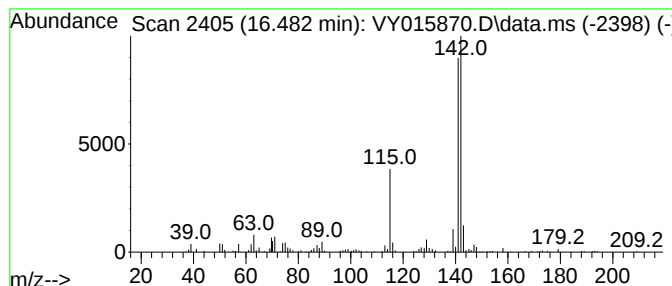
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	8.54 ug/l	184262	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015870.D
Acq On : 06 Oct 2023 18:21
Operator : SY/MD
Sample : 04767-03
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
Q-3(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclohexane, 1-...	12.727	9.7	ug/l	209457	4	13.422	1078910	50.0
Spiro[4.5]decane	13.745	9.1	ug/l	197048	4	13.422	1078910	50.0
Biphenylene	14.257	23.9	ug/l	515075	4	13.422	1078910	50.0
Hexa-2,4-diyn-1...	14.727	60.9	ug/l	1313120	4	13.422	1078910	50.0
1H-Indene, 1-me...	15.233	48.8	ug/l	1052440	4	13.422	1078910	50.0
Dibenzofuran	15.428	13.4	ug/l	288790	4	13.422	1078910	50.0
1,5,6,7-Tetrame...	15.550	11.1	ug/l	240441	4	13.422	1078910	50.0
Benzocyclohepta...	16.482	8.5	ug/l	184262	4	13.422	1078910	50.0