

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008532.D
 Acq On : 27 Apr 2022 17:08
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

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\82Y042122S.M
 Title : SW846 8260

Signal : TIC: VY008532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	462	475	490	rBV	27504	88563	10.62%	0.872%
2	5.747	635	644	654	rBV3	5191	15798	1.89%	0.156%
3	6.990	837	848	871	rBV2	13890	64883	7.78%	0.639%
4	7.722	957	968	973	rBV	124038	292464	35.07%	2.879%
5	7.789	973	979	992	rVB	201071	461409	55.33%	4.543%
6	8.143	1022	1037	1052	rVB2	126446	389775	46.74%	3.837%
7	8.691	1116	1127	1142	rBV	309207	595320	71.39%	5.861%
8	9.752	1294	1301	1309	rBV2	6923	14283	1.71%	0.141%
9	10.179	1364	1371	1384	rVB	482120	833847	100.00%	8.209%
10	10.374	1393	1403	1408	rVB7	4332	10487	1.26%	0.103%
11	10.581	1431	1437	1444	rBV	43313	74615	8.95%	0.735%
12	10.807	1468	1474	1479	rVB2	5881	9767	1.17%	0.096%
13	10.953	1492	1498	1508	rVV	46611	99620	11.95%	0.981%
14	11.038	1508	1512	1516	rVV4	12543	22028	2.64%	0.217%
15	11.093	1516	1521	1527	rVB	13562	24532	2.94%	0.242%
16	11.319	1550	1558	1564	rVB3	28250	59119	7.09%	0.582%
17	11.490	1578	1586	1596	rBV	476135	773856	92.81%	7.619%
18	11.673	1612	1616	1622	rVV7	7547	16359	1.96%	0.161%
19	11.740	1622	1627	1631	rVV	20146	37678	4.52%	0.371%
20	11.782	1631	1634	1639	rVB2	15469	23592	2.83%	0.232%
21	12.008	1663	1671	1677	rBV3	21811	53443	6.41%	0.526%
22	12.124	1686	1690	1694	rVB	19027	23302	2.79%	0.229%
23	12.166	1694	1697	1699	rBV3	7426	10305	1.24%	0.101%
24	12.203	1699	1703	1707	rVV5	27611	55735	6.68%	0.549%
25	12.252	1707	1711	1715	rVV4	36474	66869	8.02%	0.658%
26	12.331	1719	1724	1729	rVV6	14123	30695	3.68%	0.302%
27	12.380	1729	1732	1737	rVB5	9722	16066	1.93%	0.158%
28	12.483	1743	1749	1756	rBV2	432904	700392	84.00%	6.896%
29	12.569	1756	1763	1768	rBV9	12784	37289	4.47%	0.367%
30	12.648	1771	1776	1784	rVB3	43130	101798	12.21%	1.002%
31	12.727	1784	1789	1794	rBV6	20357	46258	5.55%	0.455%
32	12.813	1795	1803	1807	rBV3	57467	142605	17.10%	1.404%
33	12.861	1808	1811	1817	rVB2	39295	61091	7.33%	0.601%
34	12.922	1817	1821	1822	rBV2	6861	9907	1.19%	0.098%
35	12.953	1822	1826	1829	rBV3	25660	35430	4.25%	0.349%
36	12.995	1829	1833	1834	rBV2	12014	15716	1.88%	0.155%

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37	13.044	1837	1841	1849	rVB5	33364	56260	6.75%	0.554%
38	13.136	1852	1856	1858	rBV2	9789	13835	1.66%	0.136%
39	13.172	1858	1862	1867	rBV5	19468	36321	4.36%	0.358%
40	13.252	1868	1875	1879	rVB4	33486	65410	7.84%	0.644%
41	13.325	1879	1887	1891	rBV3	80407	163713	19.63%	1.612%
42	13.428	1898	1904	1913	rBV	509072	783582	93.97%	7.715%
43	13.569	1918	1927	1930	rBV6	29938	70344	8.44%	0.693%
44	13.697	1942	1948	1951	rBV2	21717	50786	6.09%	0.500%
45	13.751	1951	1957	1962	rVV3	136978	258617	31.01%	2.546%
46	13.794	1962	1964	1969	rVV2	42513	72505	8.70%	0.714%
47	13.855	1970	1974	1981	rVV6	45874	110762	13.28%	1.090%
48	13.934	1983	1987	1989	rVV5	38006	70971	8.51%	0.699%
49	13.971	1989	1993	1998	rVB2	92621	161557	19.37%	1.591%
50	14.081	2006	2011	2016	rBV4	55554	94553	11.34%	0.931%
51	14.148	2017	2022	2027	rBV6	39562	72151	8.65%	0.710%
52	14.203	2027	2031	2034	rBV4	24629	35477	4.25%	0.349%
53	14.264	2035	2041	2045	rBV4	147449	295131	35.39%	2.906%
54	14.379	2056	2060	2063	rBV3	25532	42134	5.05%	0.415%
55	14.422	2063	2067	2072	rBV3	93529	148654	17.83%	1.464%
56	14.617	2096	2099	2103	rBV5	40072	62598	7.51%	0.616%
57	14.678	2104	2109	2114	rVV3	141530	282832	33.92%	2.785%
58	14.733	2114	2118	2125	rVB5	118779	221983	26.62%	2.185%
59	14.849	2134	2137	2140	rBV2	35027	47072	5.65%	0.463%
60	14.946	2150	2153	2157	rVB3	69273	90414	10.84%	0.890%
61	14.983	2157	2159	2160	rBV	22828	20693	2.48%	0.204%
62	15.056	2167	2171	2175	rBV3	41727	70175	8.42%	0.691%
63	15.148	2179	2186	2191	rVB7	58100	160094	19.20%	1.576%
64	15.215	2193	2197	2203	rBV	141543	214287	25.70%	2.110%
65	15.294	2203	2210	2213	rBV7	55408	129477	15.53%	1.275%
66	15.452	2232	2236	2242	rVB7	32588	70028	8.40%	0.689%
67	15.513	2243	2246	2247	rBV3	23611	27982	3.36%	0.275%
68	15.611	2257	2262	2267	rVB6	78030	130715	15.68%	1.287%
69	16.038	2327	2332	2336	rVB5	56790	103420	12.40%	1.018%
70	16.160	2348	2352	2358	rBV3	78607	140072	16.80%	1.379%
71	16.233	2360	2364	2369	rVV2	40286	86709	10.40%	0.854%
72	16.294	2371	2374	2387	rVB3	63274	159984	19.19%	1.575%
73	16.489	2400	2406	2414	rBV4	79964	221033	26.51%	2.176%

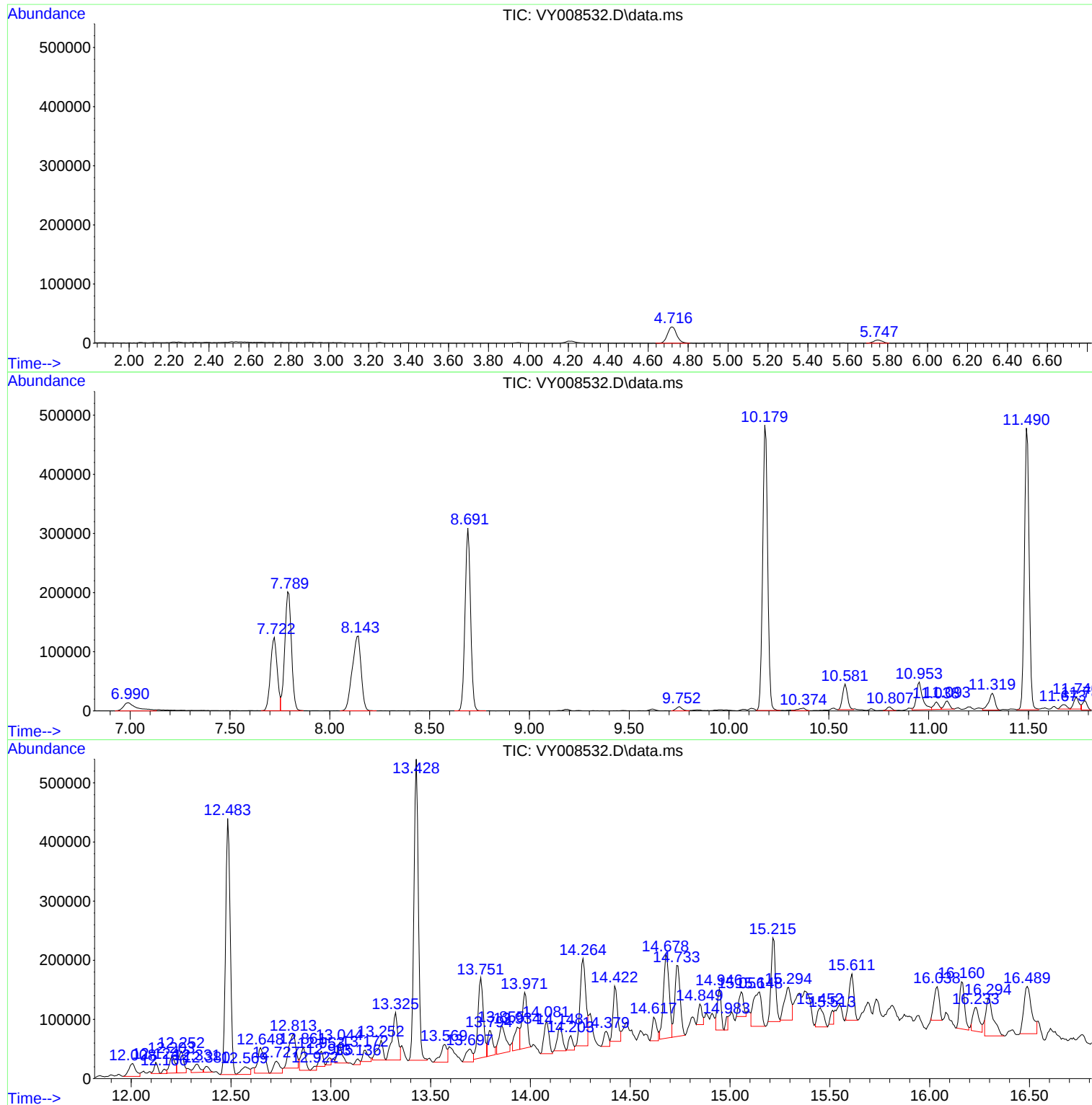
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

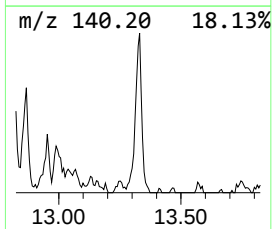
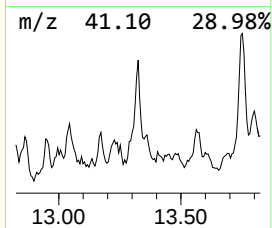
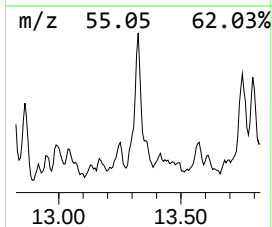
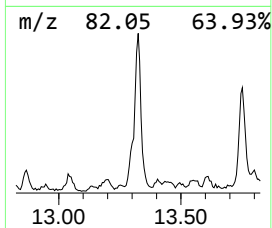
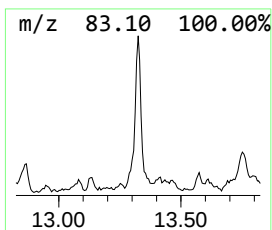
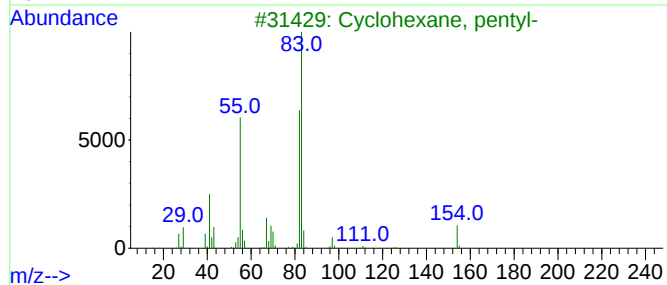
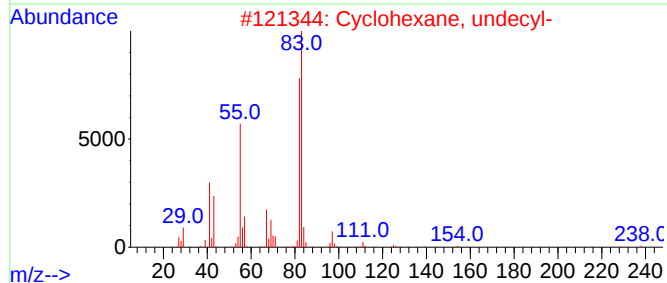
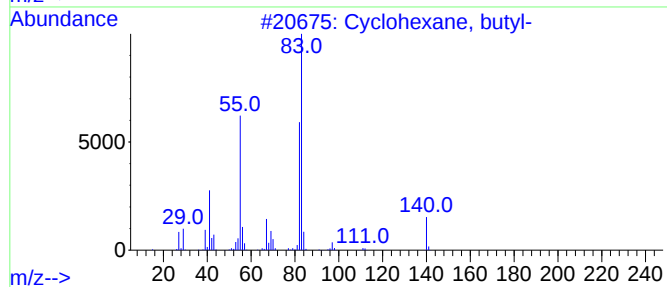
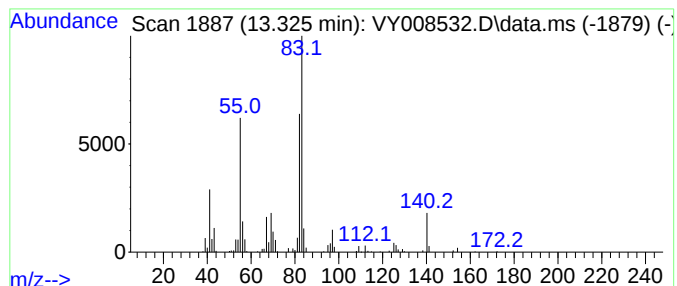
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	10.45 ug/l	163713	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2			Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	72



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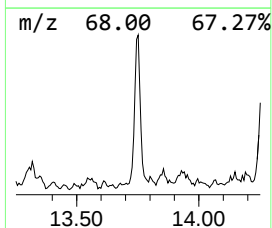
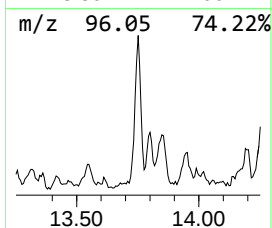
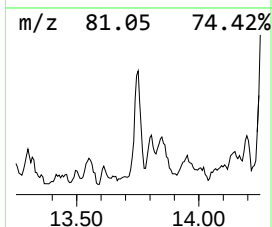
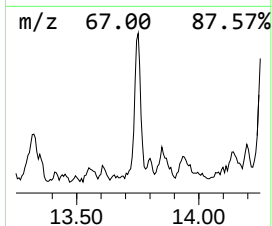
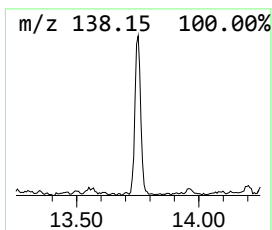
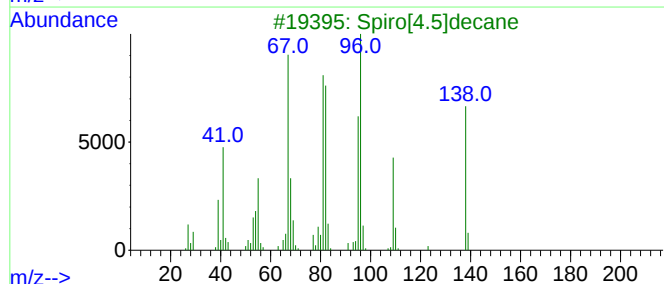
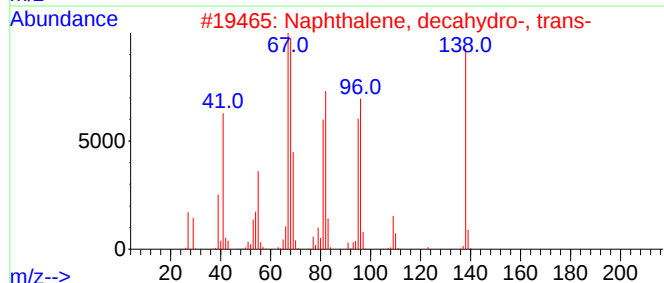
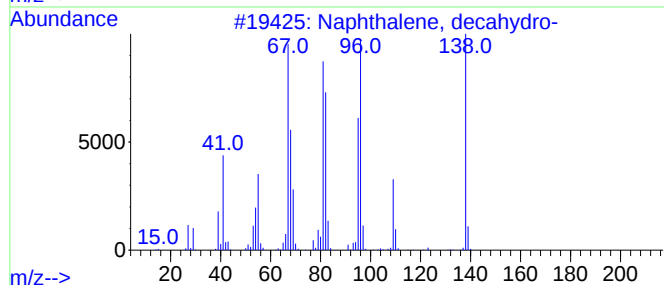
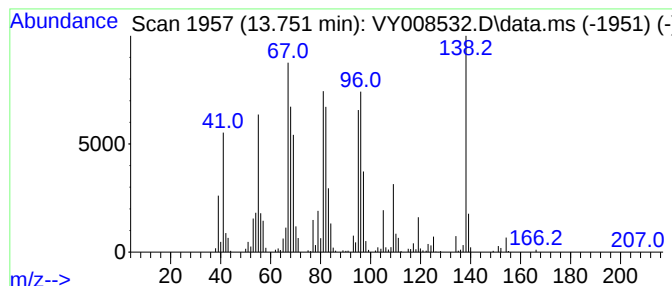
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	16.50 ug/l	258617	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3			Spiro[4.5]decane	138	C10H18	000176-63-6	90
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
5			2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	87



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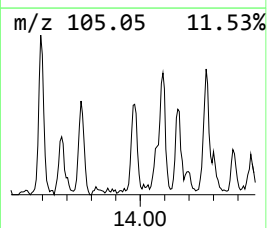
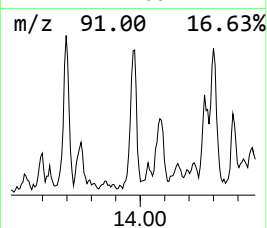
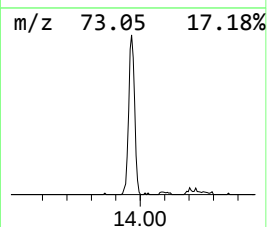
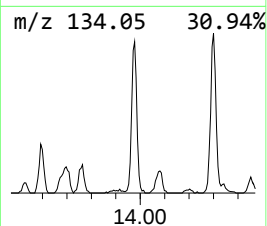
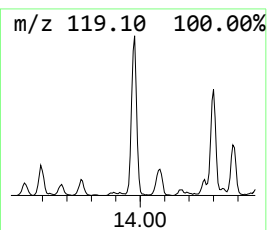
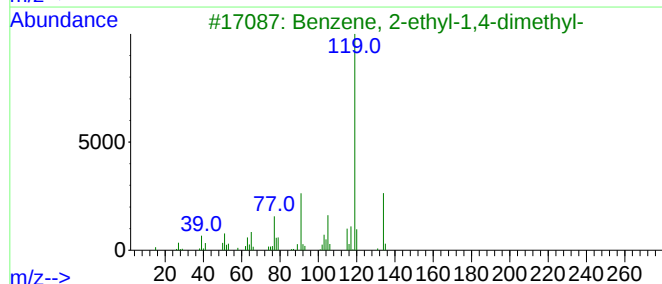
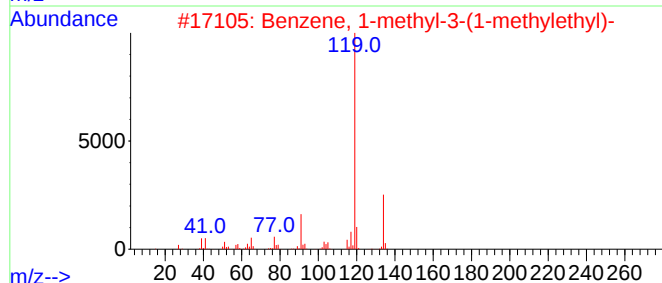
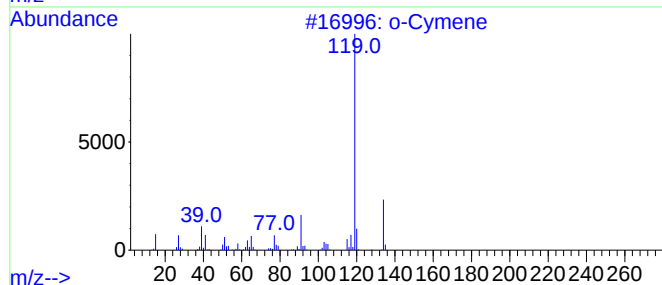
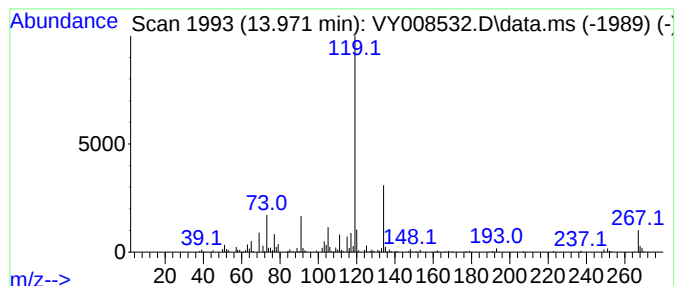
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Peak Number 3 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	10.31 ug/l	161557	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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ClientSampleId :
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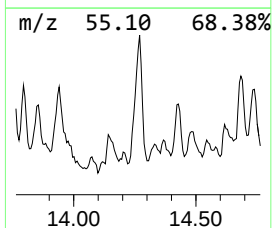
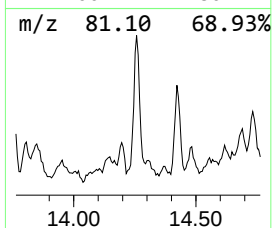
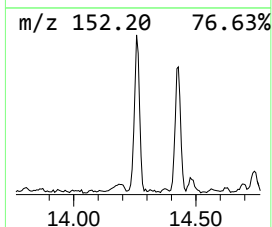
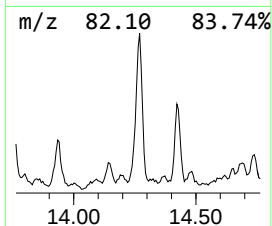
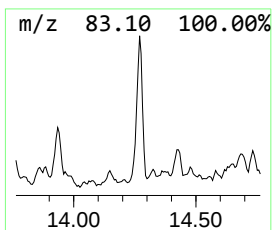
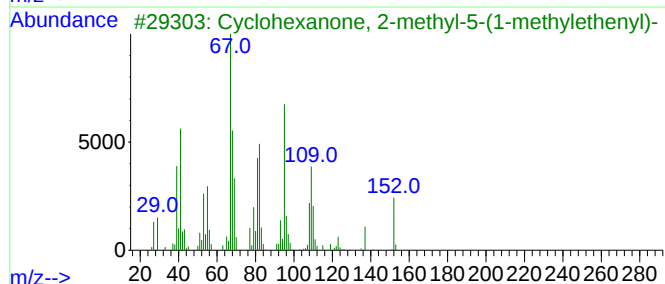
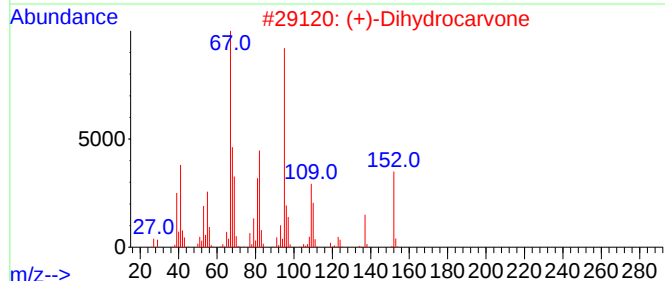
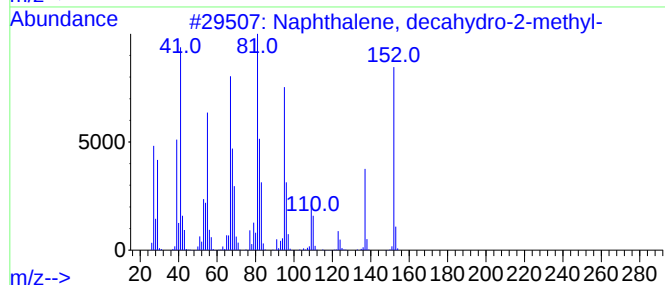
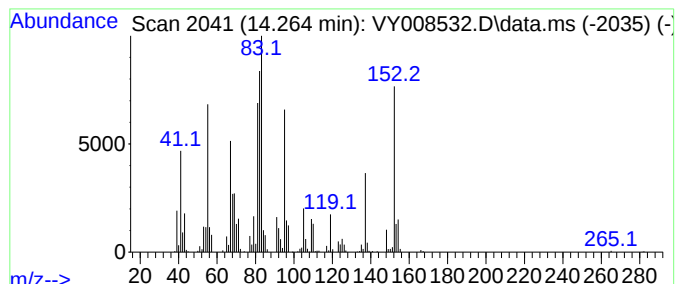
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.264	18.83 ug/l	295131	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
2			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	49
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	43
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

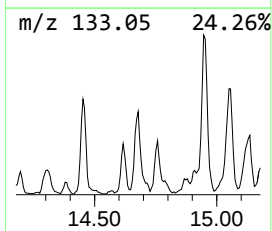
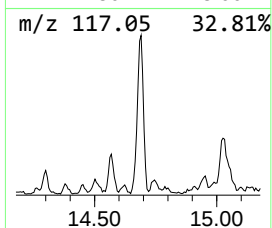
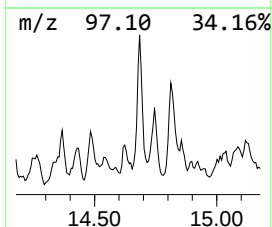
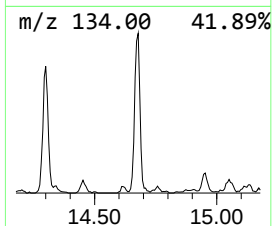
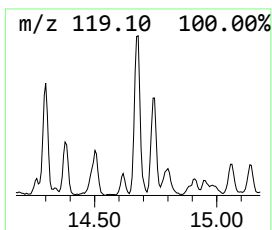
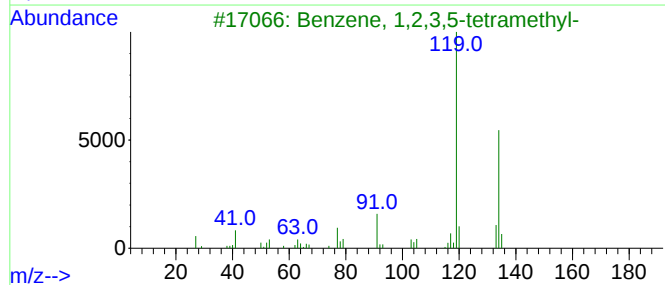
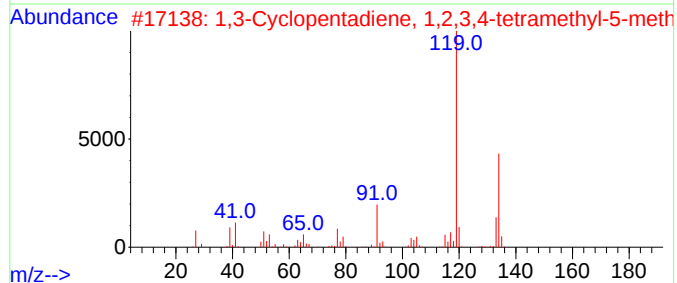
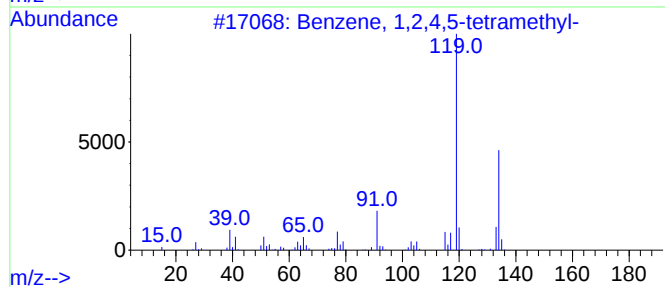
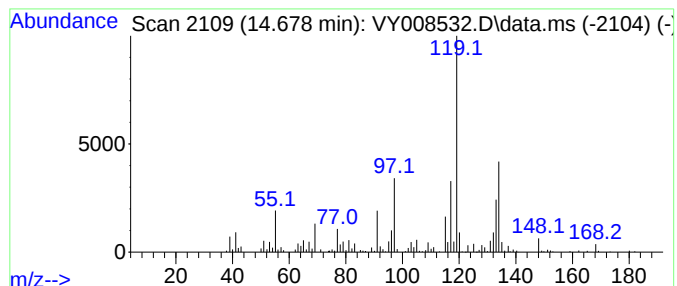
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	18.05 ug/l	282832	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

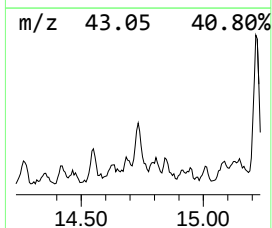
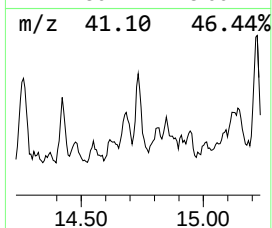
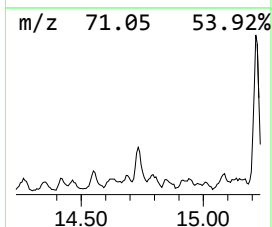
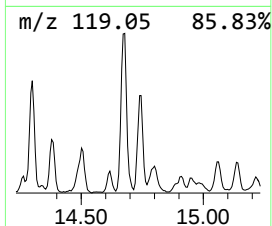
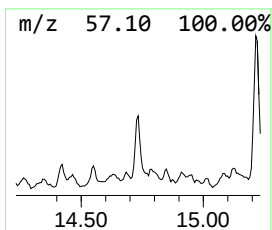
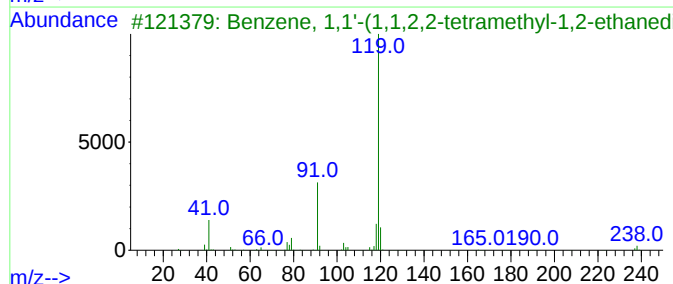
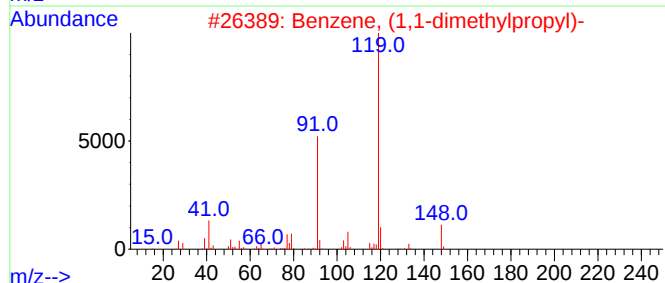
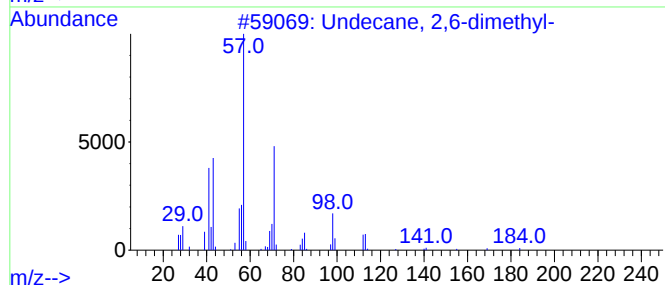
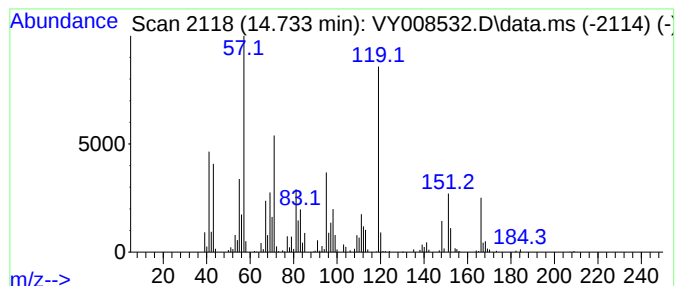
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.733 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	14.16 ug/l	221983	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
3			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	22
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	20
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

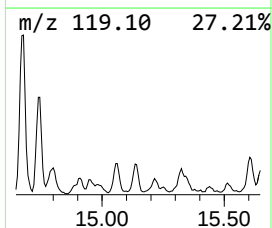
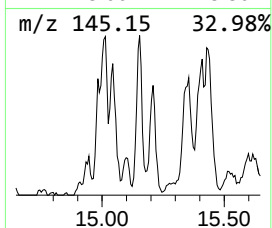
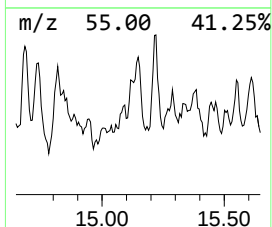
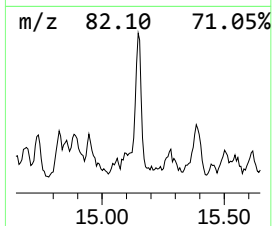
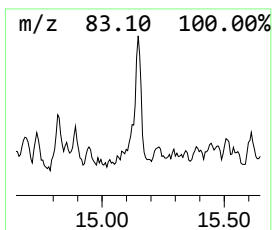
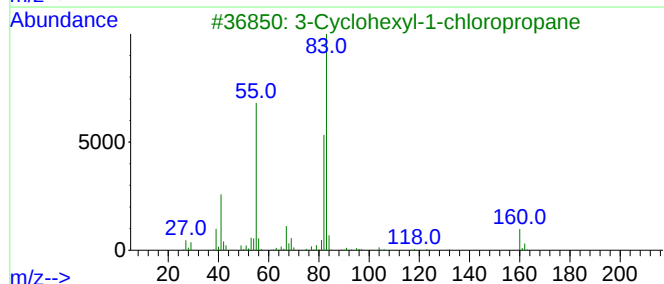
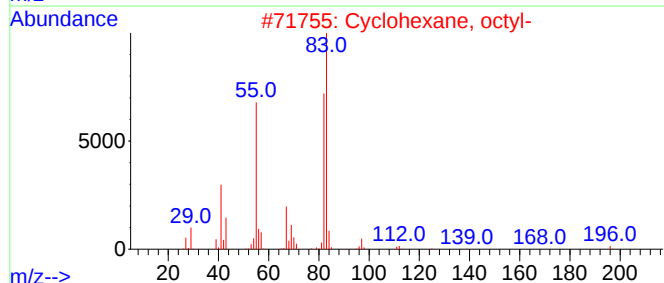
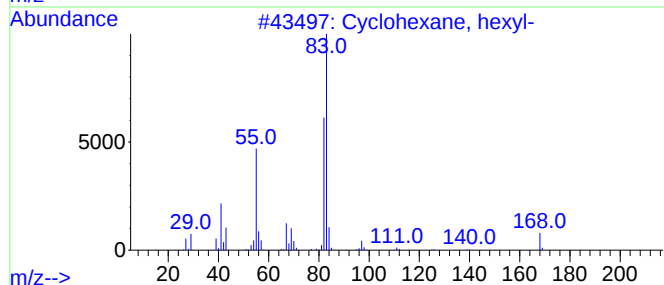
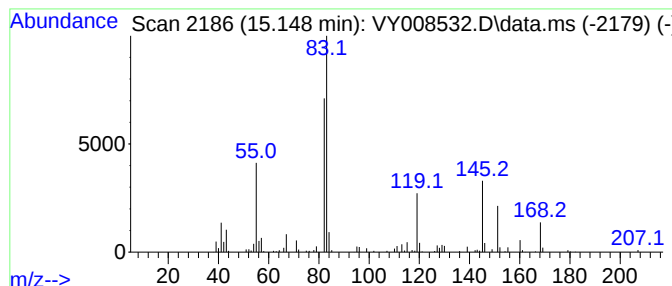
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.148	10.22 ug/l	160094	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	47
3			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	47
4			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	38
5			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

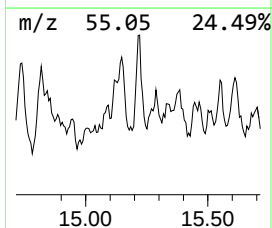
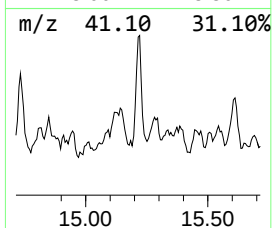
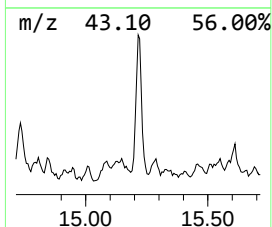
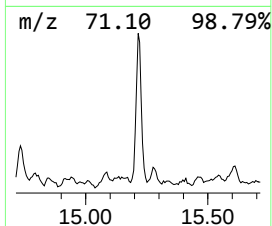
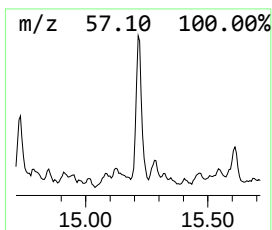
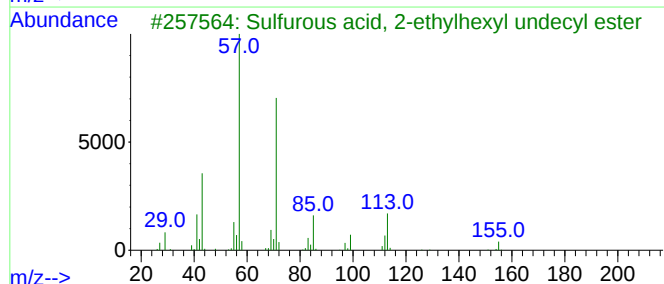
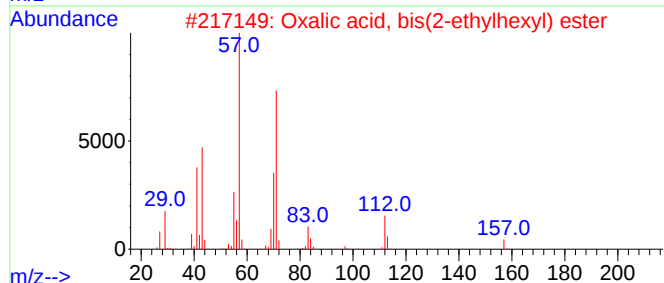
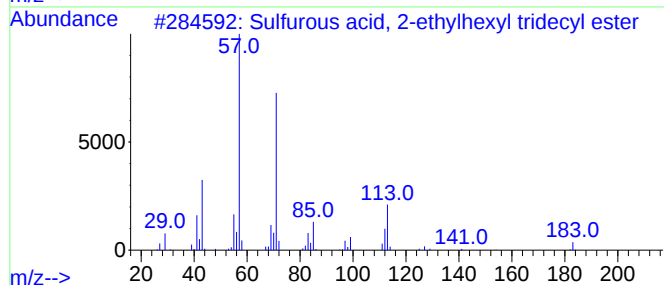
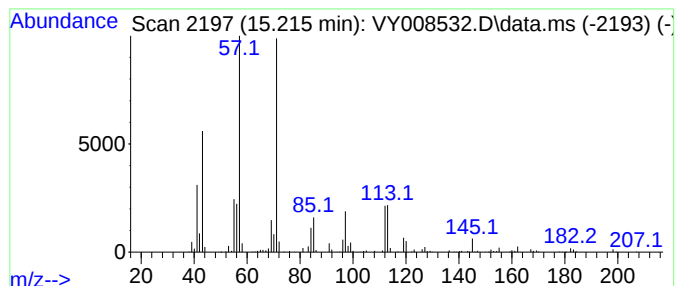
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Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	13.67 ug/l	214287	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
2			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

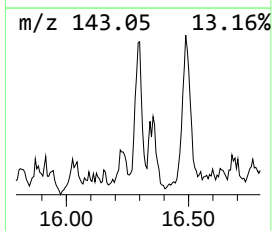
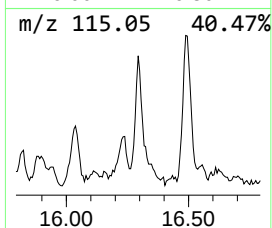
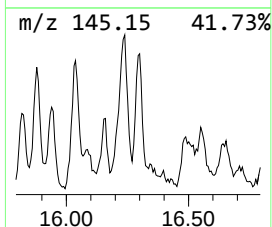
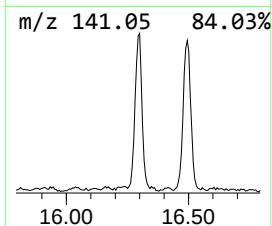
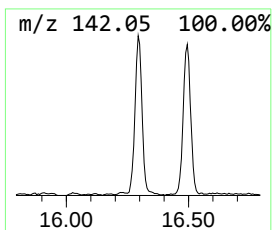
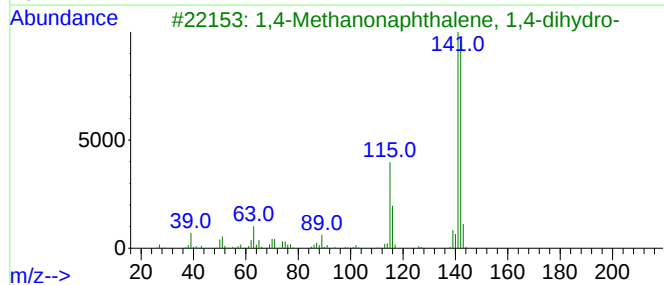
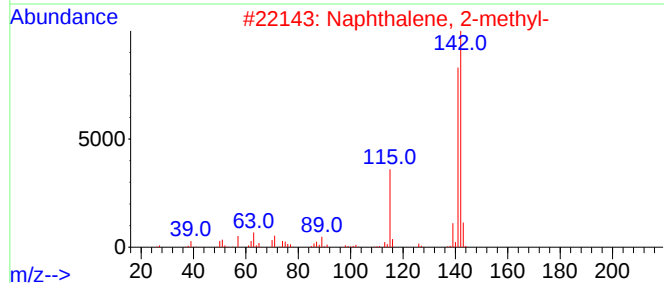
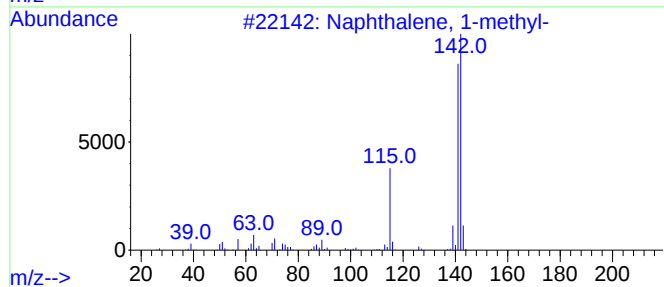
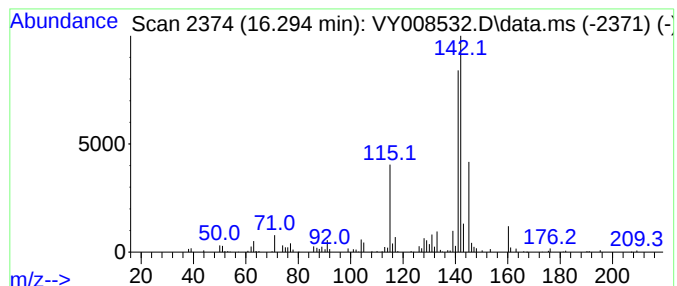
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	10.21 ug/l	159984	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
4			Benzocycloheptatriene	142	C11H10	000264-09-5	68
5			1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

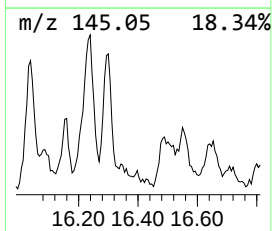
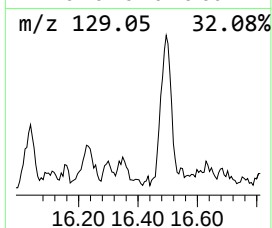
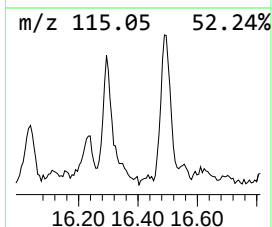
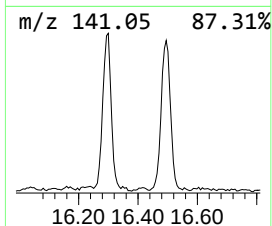
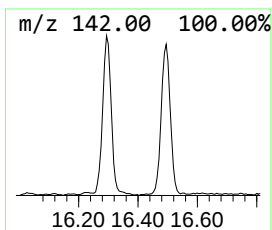
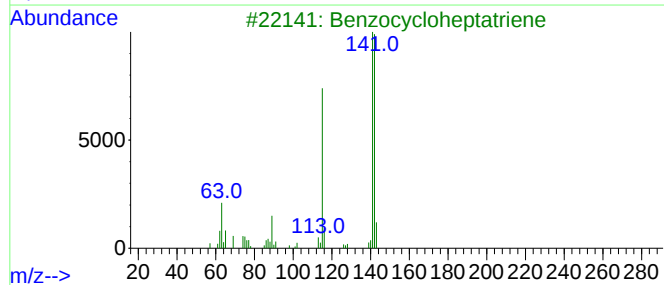
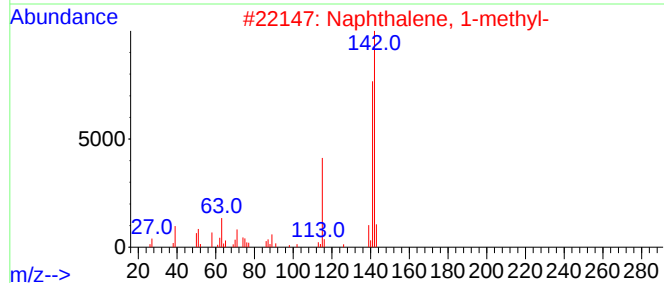
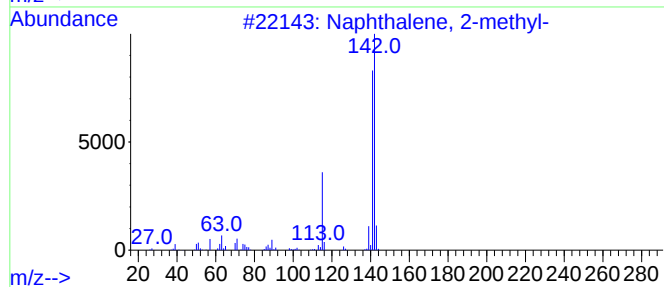
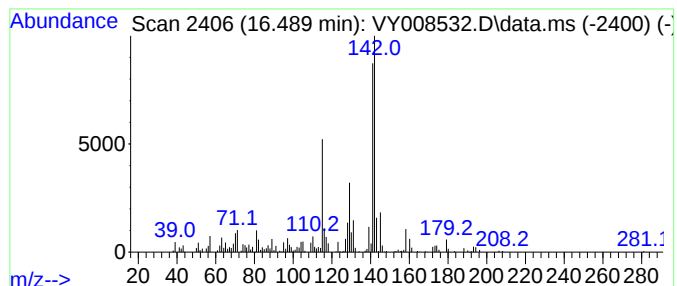
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	14.10 ug/l	221033	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Benzocycloheptatriene	142	C11H10	000264-09-5	76
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	68
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008532.D
Acq On : 27 Apr 2022 17:08
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.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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Naphthalene, de...	13.751	16.5	ug/l	258617	4	13.428	783582	50.0
o-Cymene	13.971	10.3	ug/l	161557	4	13.428	783582	50.0
Naphthalene, de...	14.264	18.8	ug/l	295131	4	13.428	783582	50.0
Benzene, 1,2,4,...	14.678	18.1	ug/l	282832	4	13.428	783582	50.0
unknown14.733	14.733	14.2	ug/l	221983	4	13.428	783582	50.0
Cyclohexane, he...	15.148	10.2	ug/l	160094	4	13.428	783582	50.0
Sulfurous acid,...	15.215	13.7	ug/l	214287	4	13.428	783582	50.0
Naphthalene, 1-...	16.294	10.2	ug/l	159984	4	13.428	783582	50.0
Benzocyclohepta...	16.489	14.1	ug/l	221033	4	13.428	783582	50.0