

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011454.D
 Acq On : 15 Nov 2022 13:43
 Operator : KP/MD
 Sample : N5582-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31979

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\82Y111022S.M
 Title : SW846 8260

Signal : TIC: VY011454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	463	476	494	rBV2	69146	211546	4.15%	0.278%
2	6.978	833	846	860	rBV	27081	83660	1.64%	0.110%
3	7.722	958	968	974	rBV	177001	434434	8.52%	0.571%
4	7.789	974	979	992	rVB	177964	404866	7.94%	0.532%
5	8.142	1026	1037	1050	rBV	173717	382408	7.50%	0.503%
6	8.691	1115	1127	1141	rBV	407476	797917	15.64%	1.049%
7	10.185	1363	1372	1378	rBV	520130	907702	17.79%	1.194%
8	10.246	1378	1382	1389	rVB	84382	139743	2.74%	0.184%
9	11.489	1579	1586	1596	rBV	561231	916135	17.96%	1.205%
10	11.593	1596	1603	1612	rBV	195456	312533	6.13%	0.411%
11	11.703	1612	1621	1630	rBV	628490	1176594	23.06%	1.547%
12	12.032	1663	1675	1683	rBV	481175	791568	15.51%	1.041%
13	12.331	1719	1724	1729	rBV	79620	122584	2.40%	0.161%
14	12.483	1744	1749	1754	rBV	406866	604914	11.86%	0.796%
15	12.672	1773	1780	1785	rBV	224032	333962	6.55%	0.439%
16	12.739	1785	1791	1794	rVV	794779	1313586	25.75%	1.728%
17	12.770	1794	1796	1799	rVV	364925	462203	9.06%	0.608%
18	12.812	1799	1803	1809	rVV2	575869	915726	17.95%	1.204%
19	12.971	1822	1829	1837	rBV	500904	842665	16.52%	1.108%
20	13.044	1837	1841	1846	rVB	80143	117128	2.30%	0.154%
21	13.123	1847	1854	1859	rBV	1847246	2684789	52.62%	3.531%
22	13.251	1867	1875	1879	rBV2	116991	209179	4.10%	0.275%
23	13.312	1879	1885	1890	rBV2	220987	374453	7.34%	0.492%
24	13.367	1890	1894	1898	rBV2	141848	211376	4.14%	0.278%
25	13.428	1898	1904	1906	rBV	520714	799286	15.67%	1.051%
26	13.459	1906	1909	1913	rVV	745134	1039138	20.37%	1.367%
27	13.495	1913	1915	1924	rVB4	218419	297817	5.84%	0.392%
28	13.593	1926	1931	1932	rBV	192965	224784	4.41%	0.296%
29	13.623	1932	1936	1940	rVV	956740	1428562	28.00%	1.879%
30	13.666	1940	1943	1952	rVB3	707122	1340751	26.28%	1.763%
31	13.757	1952	1958	1962	rBV2	693558	1045298	20.49%	1.375%
32	13.824	1962	1969	1974	rBV	359031	562932	11.03%	0.740%
33	13.885	1974	1979	1981	rBV	500755	694297	13.61%	0.913%
34	13.916	1981	1984	1989	rVB	589510	835082	16.37%	1.098%
35	13.971	1989	1993	1998	rVB	804383	1142480	22.39%	1.503%
36	14.032	1998	2003	2006	rBV2	188844	296515	5.81%	0.390%

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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
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37	14.080	2006	2011	2016	rVB	958891	1420422	27.84%	1.868%
38	14.141	2016	2021	2027	rBV5	117948	332101	6.51%	0.437%
39	14.215	2027	2033	2036	rBV2	335397	644425	12.63%	0.848%
40	14.257	2037	2040	2043	rVV4	125530	232806	4.56%	0.306%
41	14.294	2043	2046	2049	rVV	389581	604583	11.85%	0.795%
42	14.336	2049	2053	2057	rVB	869384	1284542	25.18%	1.689%
43	14.385	2057	2061	2064	rBV	493054	661302	12.96%	0.870%
44	14.422	2064	2067	2071	rVB2	324135	395321	7.75%	0.520%
45	14.483	2074	2077	2079	rBV2	72829	104949	2.06%	0.138%
46	14.519	2079	2083	2086	rBV2	277885	357332	7.00%	0.470%
47	14.568	2086	2091	2095	rBV	1067910	1655810	32.45%	2.178%
48	14.611	2095	2098	2103	rVB	1475502	1960696	38.43%	2.579%
49	14.684	2103	2110	2115	rBV3	2463678	5101982	100.00%	6.710%
50	14.733	2115	2118	2125	rVB2	672666	1122244	22.00%	1.476%
51	14.836	2129	2135	2143	rVB	1931384	3071252	60.20%	4.039%
52	14.910	2143	2147	2148	rBV2	253810	328029	6.43%	0.431%
53	14.946	2148	2153	2156	rVV3	708485	1217475	23.86%	1.601%
54	14.983	2156	2159	2163	rVB	409766	549780	10.78%	0.723%
55	15.056	2164	2171	2176	rBV3	870797	1869076	36.63%	2.458%
56	15.135	2181	2184	2191	rVB5	350806	636213	12.47%	0.837%
57	15.214	2191	2197	2200	rBV2	644801	1352154	26.50%	1.778%
58	15.294	2205	2210	2214	rVV	991769	1559439	30.57%	2.051%
59	15.348	2214	2219	2226	rVV5	708177	2286297	44.81%	3.007%
60	15.434	2230	2233	2241	rVB	1235008	1993009	39.06%	2.621%
61	15.525	2241	2248	2255	rBV2	952955	2171804	42.57%	2.856%
62	15.605	2256	2261	2266	rVB5	275898	499673	9.79%	0.657%
63	15.696	2268	2276	2277	rVV3	655449	1277509	25.04%	1.680%
64	15.726	2277	2281	2289	rVB	2367414	4305050	84.38%	5.662%
65	15.818	2292	2296	2301	rVV4	227017	414011	8.11%	0.545%
66	15.891	2302	2308	2319	rVB2	577142	1456271	28.54%	1.915%
67	16.037	2324	2332	2338	rBV	1489053	3132909	61.41%	4.120%
68	16.159	2348	2352	2355	rBV2	213667	347128	6.80%	0.457%
69	16.232	2357	2364	2369	rVV2	1091501	2254578	44.19%	2.965%
70	16.293	2369	2374	2380	rVV	782765	1447255	28.37%	1.903%
71	16.361	2381	2385	2395	rVB	547363	1067306	20.92%	1.404%
72	16.489	2399	2406	2412	rBV5	580497	1605330	31.46%	2.111%
73	16.629	2423	2429	2437	rVB3	338067	854511	16.75%	1.124%

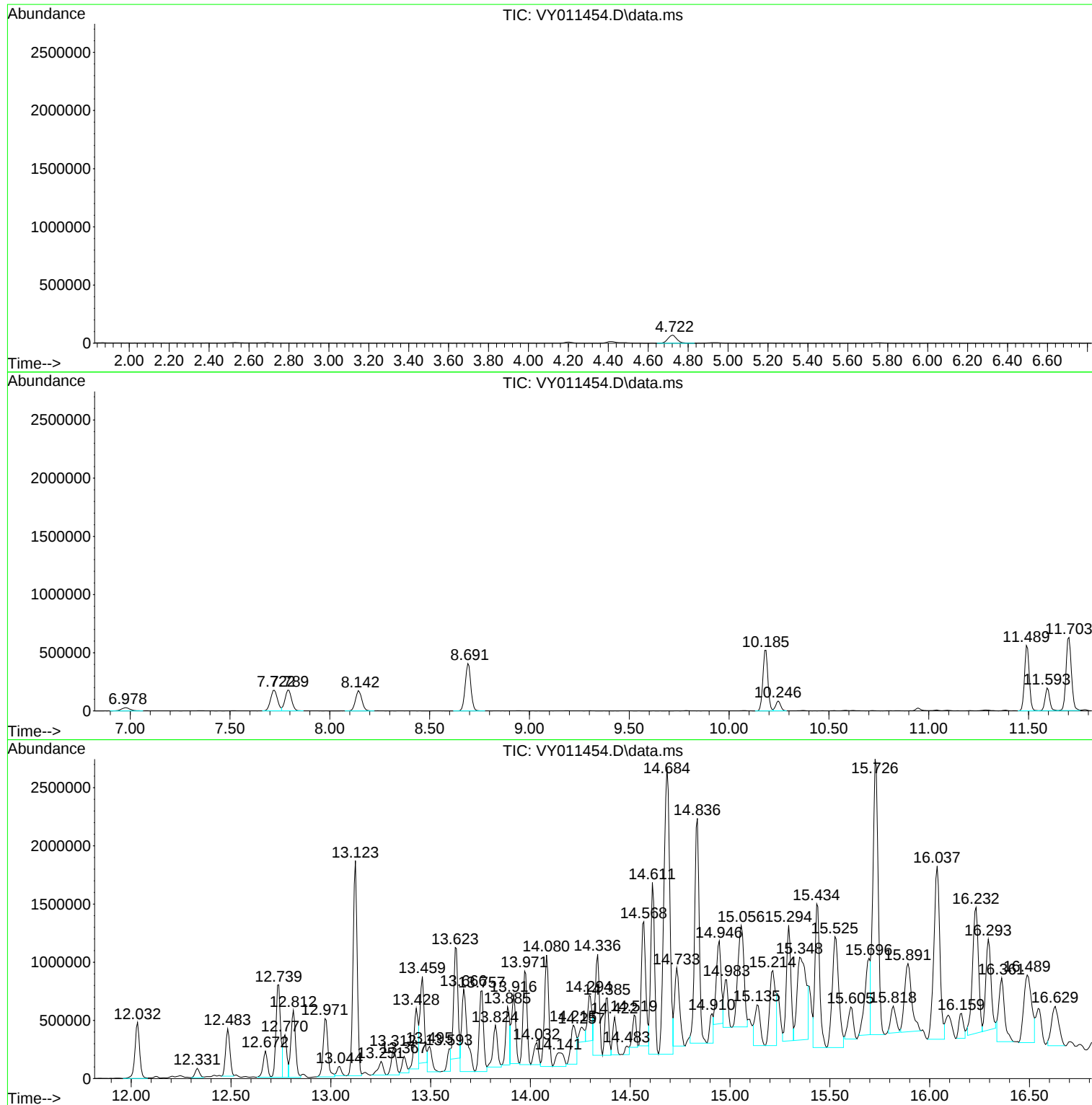
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

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



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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

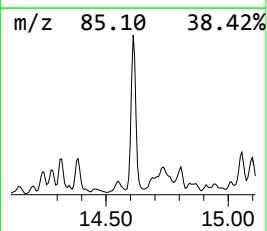
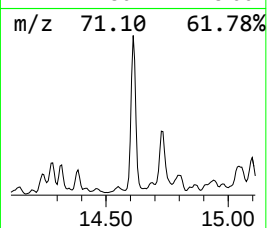
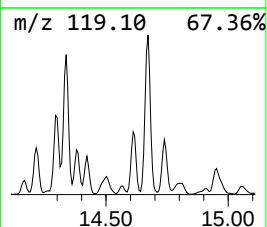
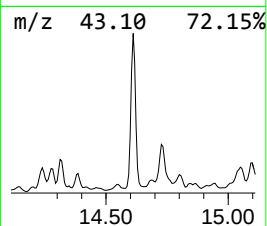
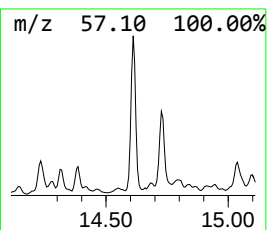
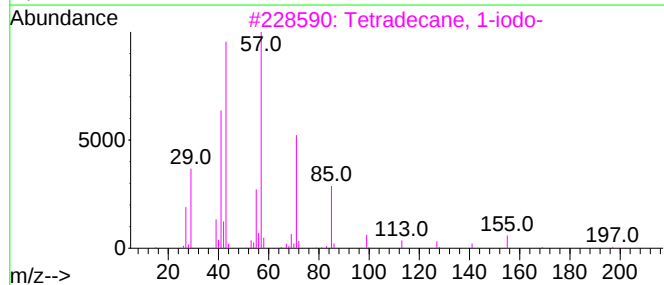
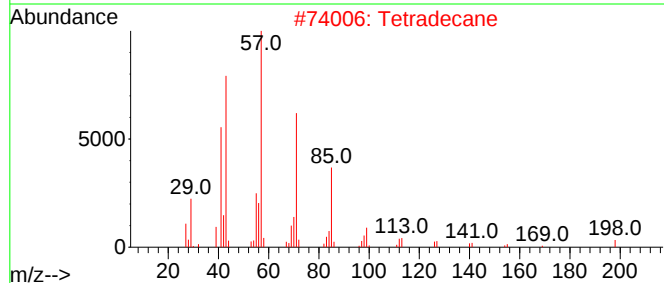
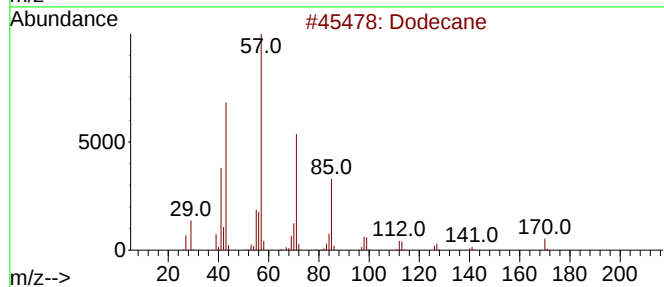
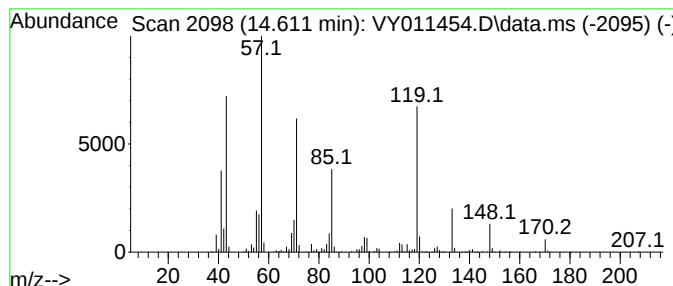
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

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

Peak Number 1 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	122.65 ug/l	1960700	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Tetradecane	198	C14H30	000629-59-4	49
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46
4			Heptadecane	240	C17H36	000629-78-7	43
5			Tridecane	184	C13H28	000629-50-5	43



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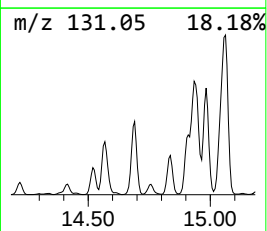
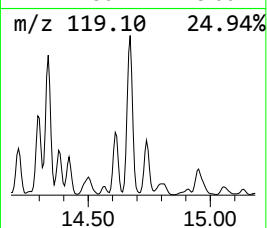
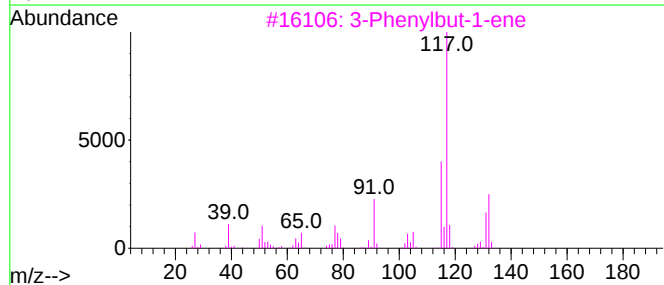
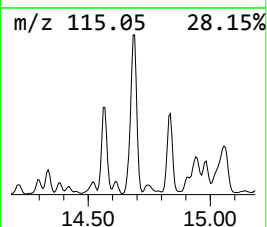
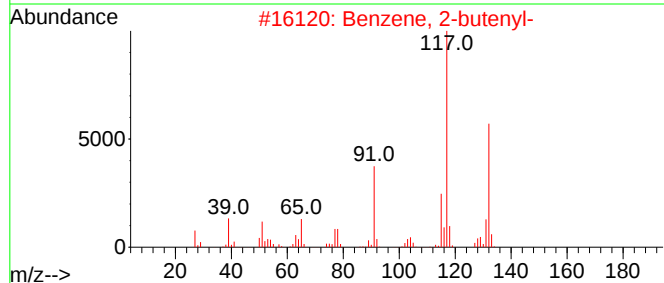
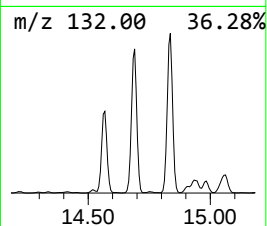
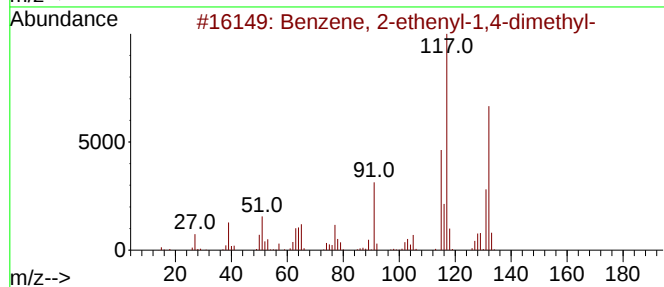
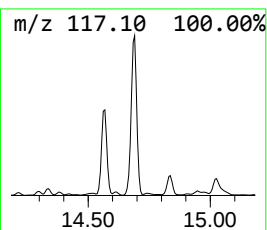
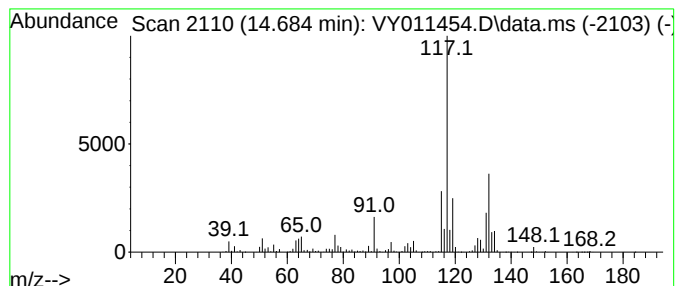
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	319.16 ug/l	5101980	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4			Indan, 1-methyl-	132	C10H12	000767-58-8	81
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



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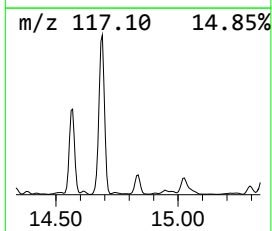
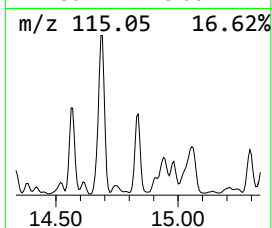
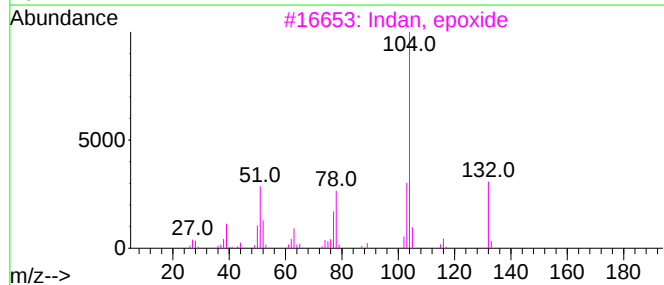
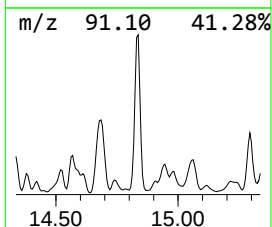
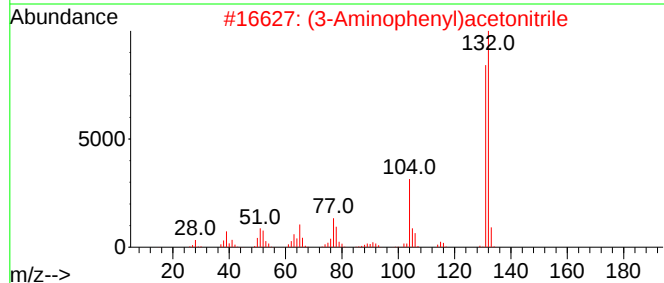
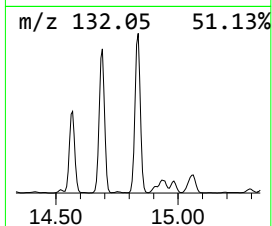
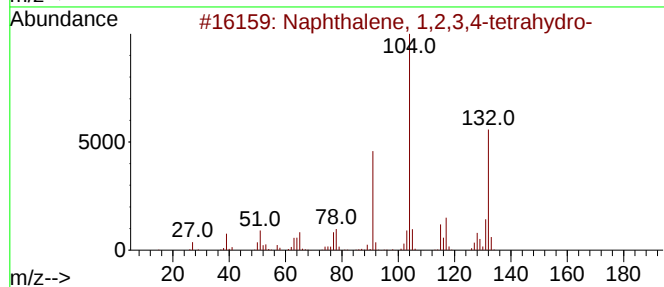
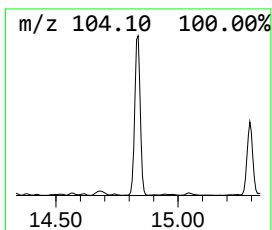
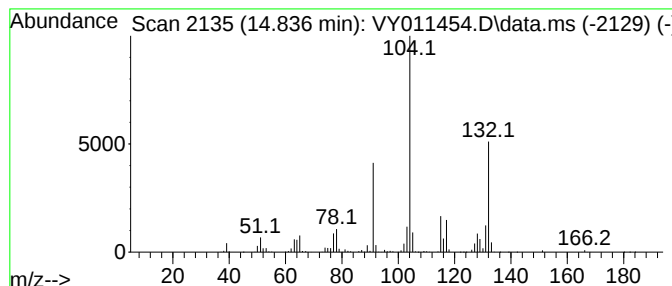
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Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	192.13 ug/l	3071250	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			(3-Aminophenyl)acetonitrile	132	C8H8N2	004623-24-9	59
3			Indan, epoxide	132	C9H8O	000768-22-9	58
4			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
5			Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47



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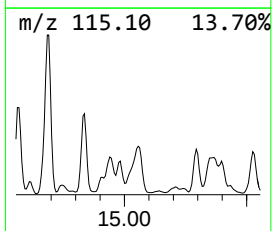
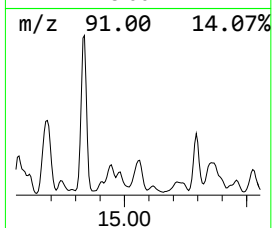
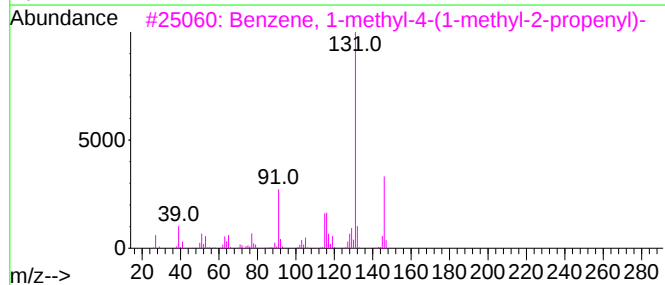
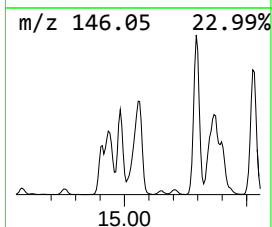
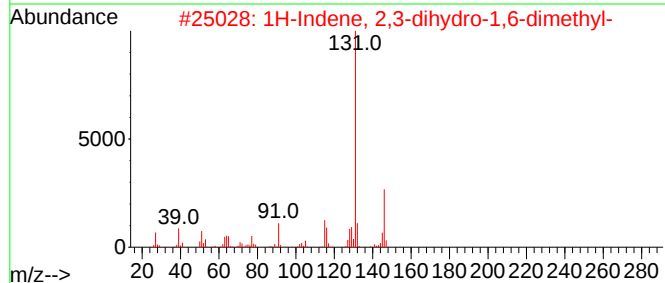
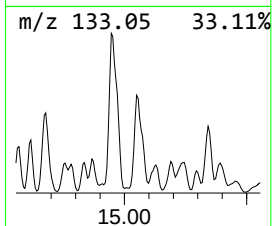
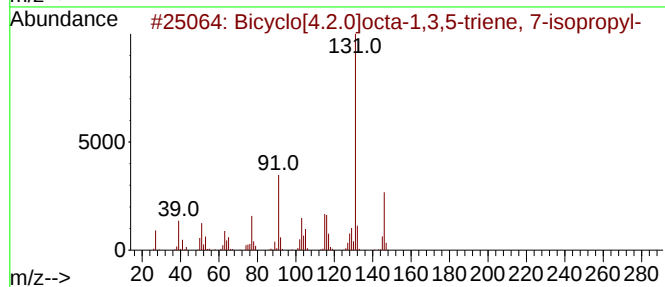
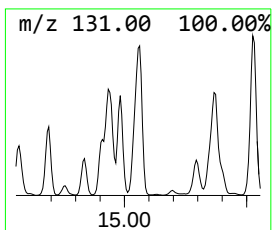
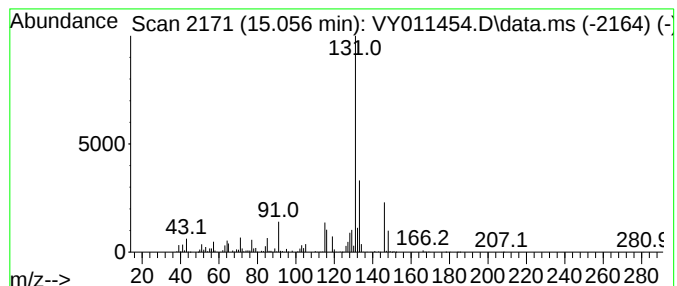
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Quant Title : SW846 8260

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

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	116.92 ug/l	1869080	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

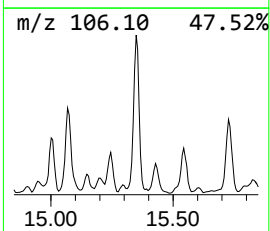
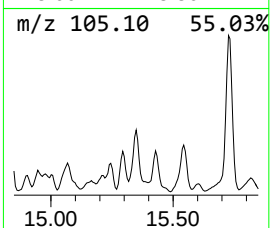
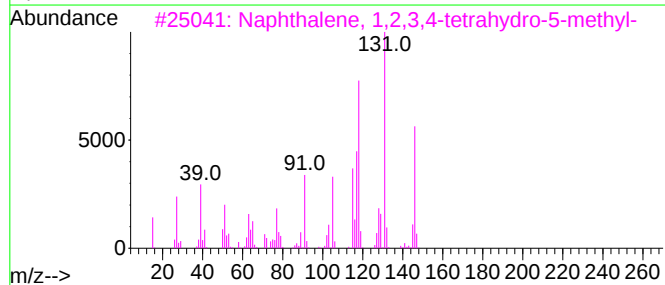
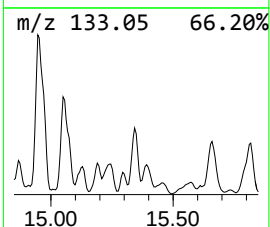
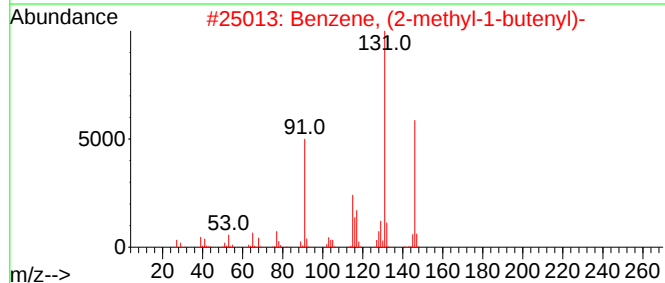
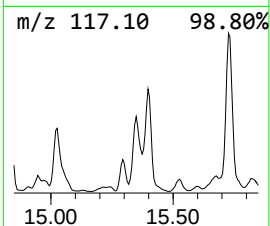
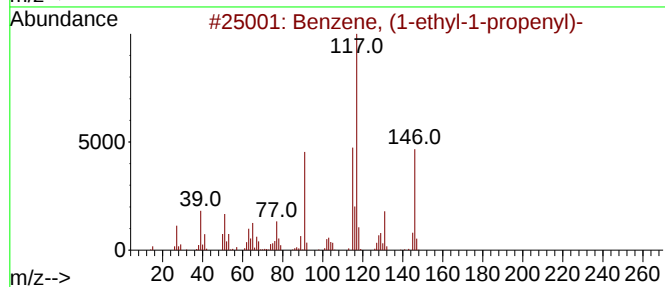
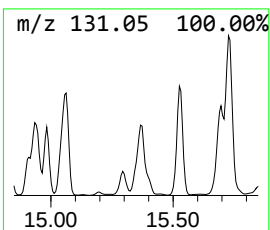
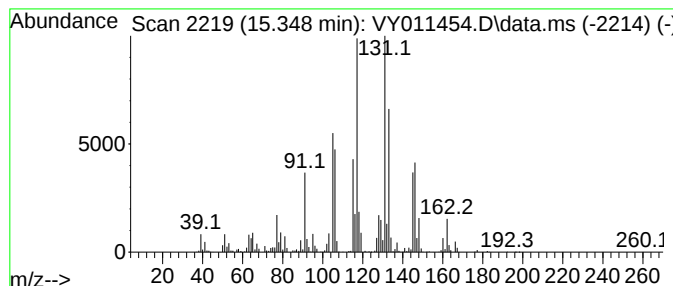
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Quant Title : SW846 8260

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

Peak Number 5 unknown15.349 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	143.02 ug/l	2286300	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	45
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

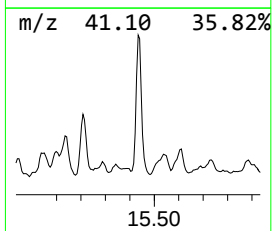
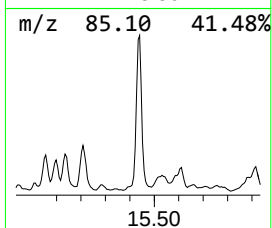
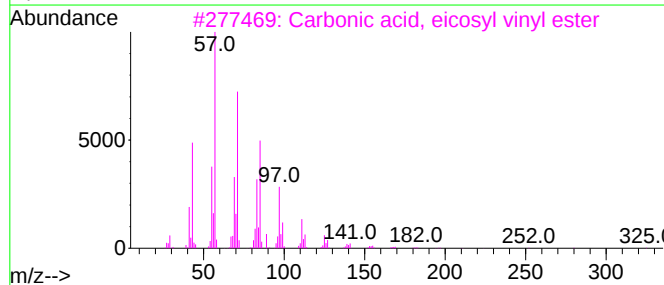
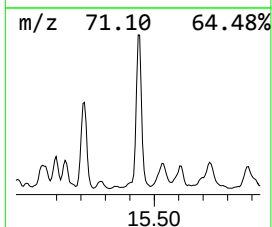
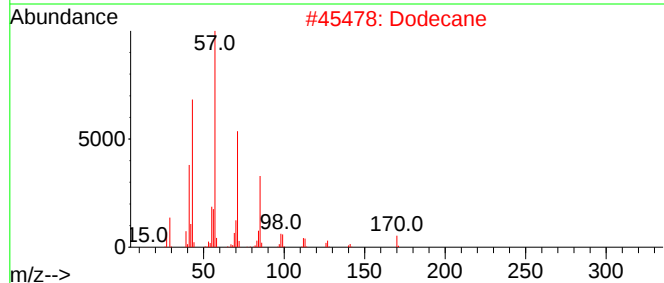
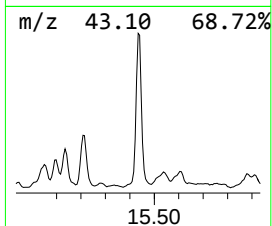
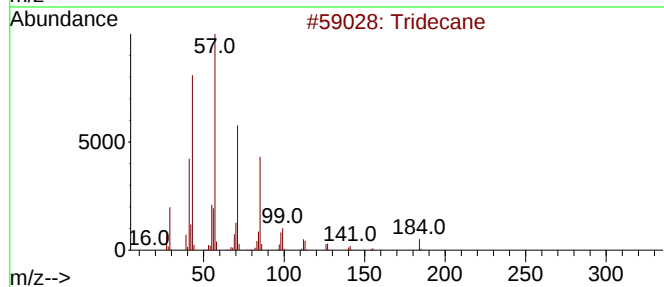
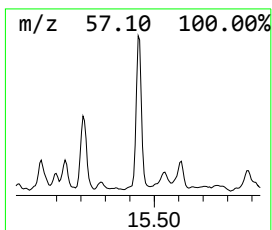
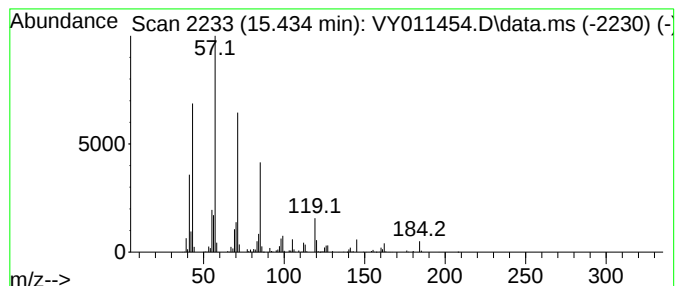
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	124.67 ug/l	1993010	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	98
2			Dodecane	170	C12H26	000112-40-3	64
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

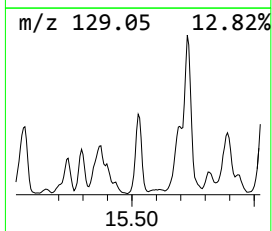
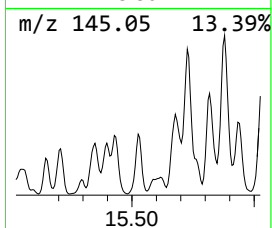
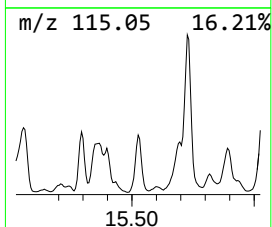
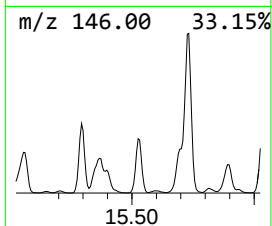
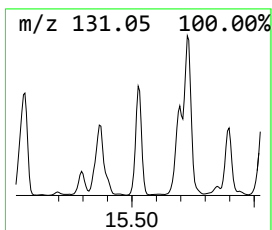
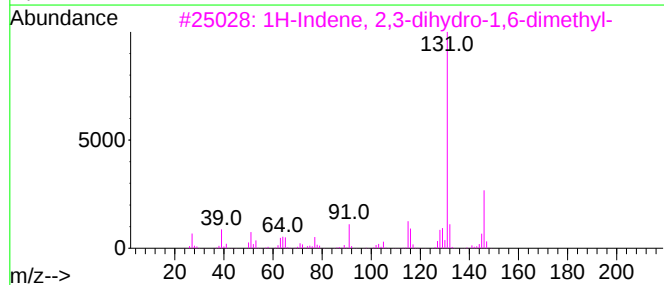
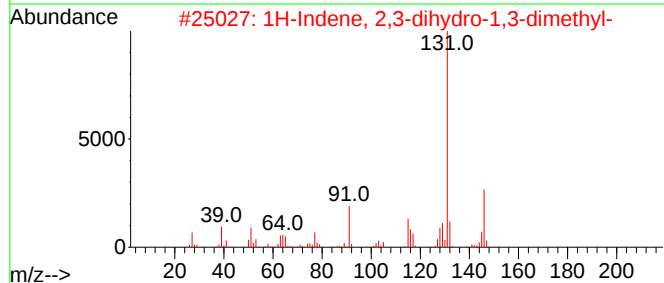
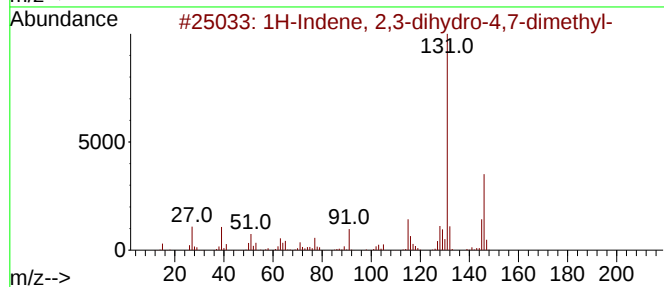
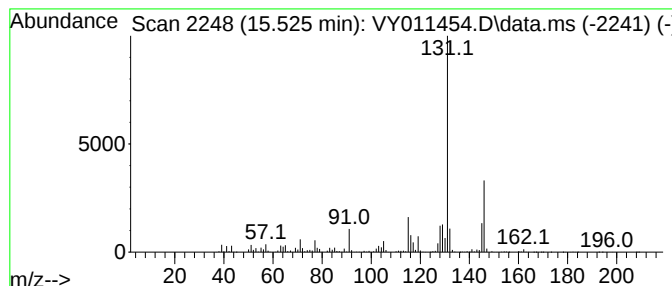
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.525	135.86 ug/l	2171800	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

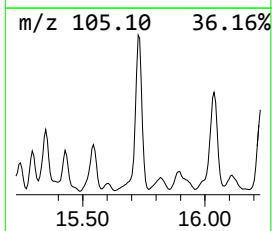
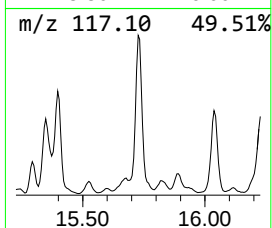
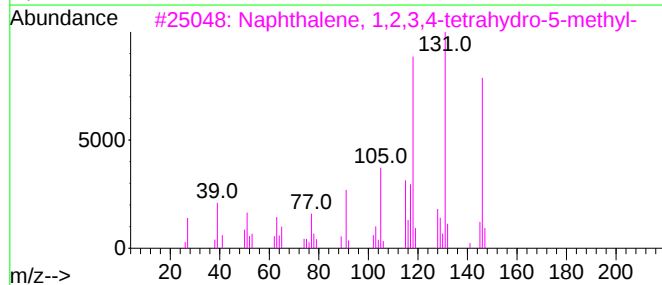
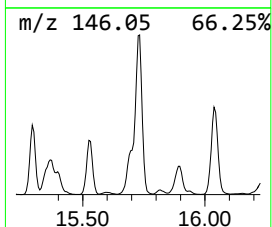
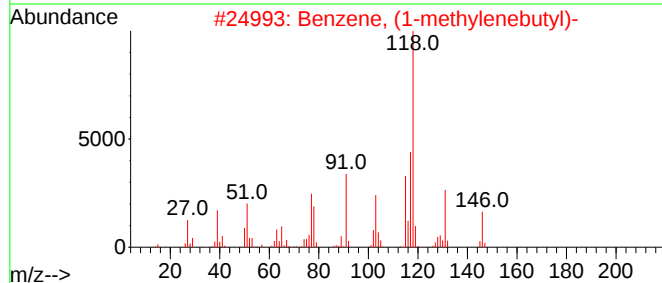
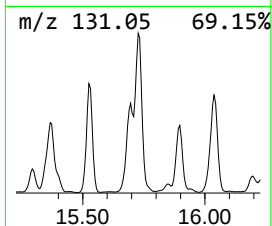
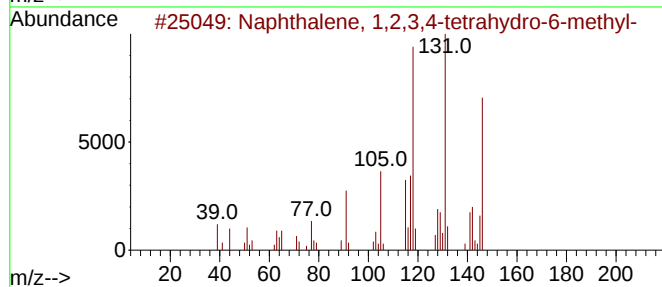
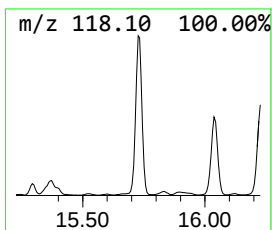
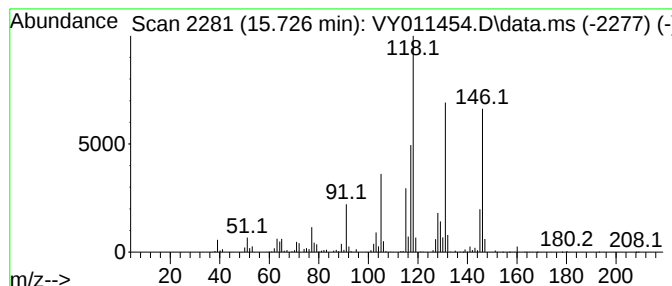
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	269.31 ug/l	4305050	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	55
5			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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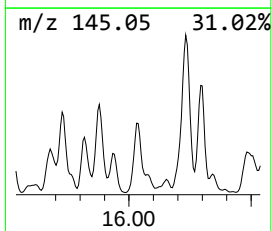
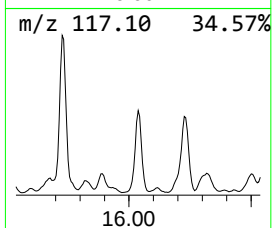
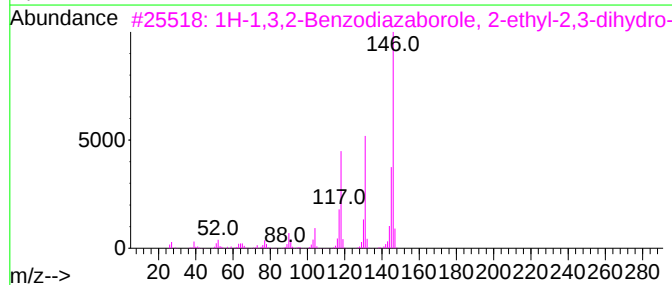
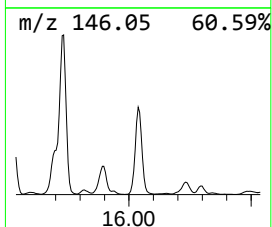
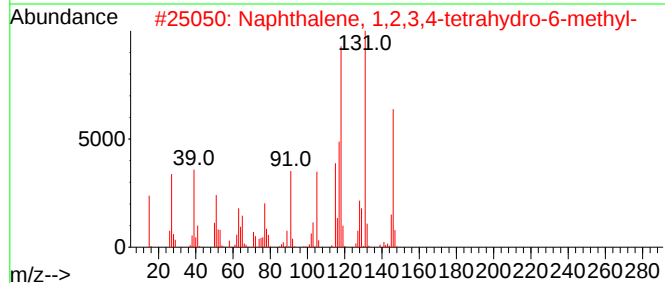
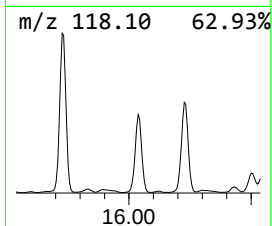
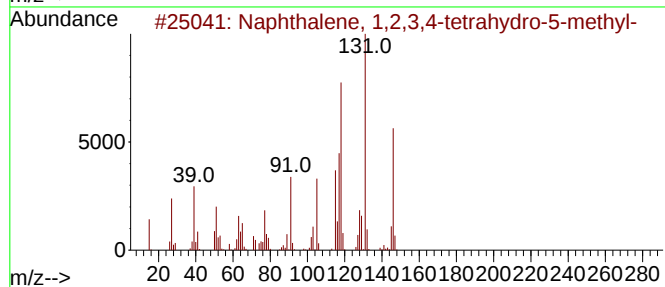
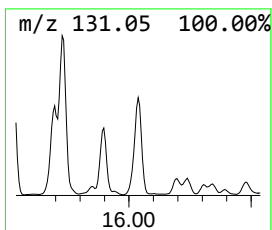
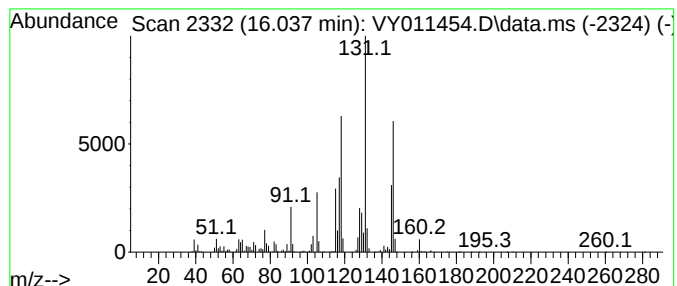
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	195.98 ug/l	3132910	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

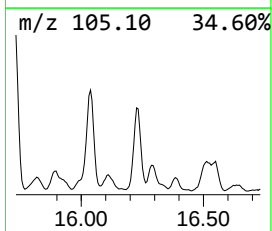
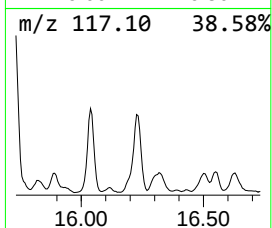
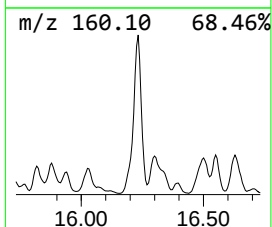
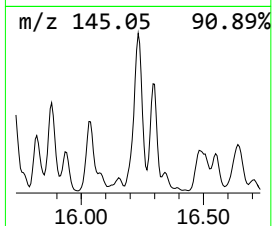
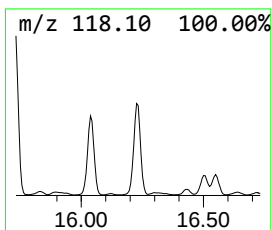
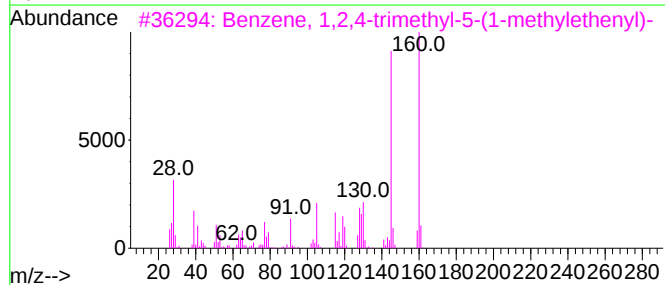
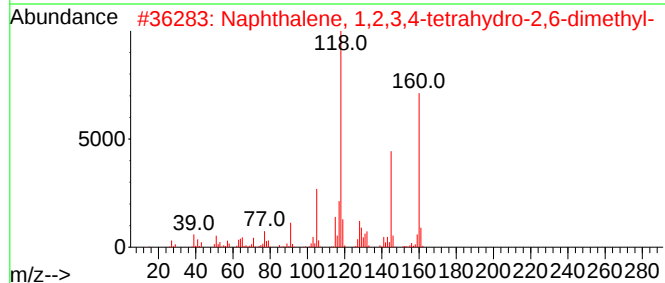
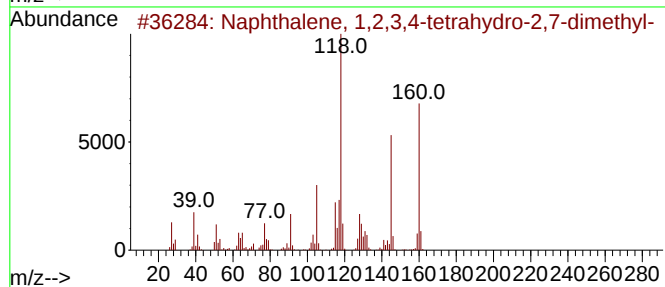
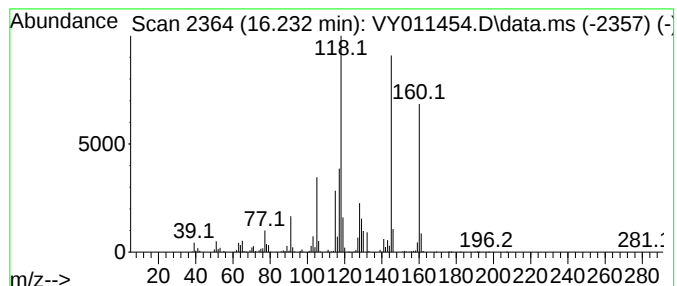
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	141.04 ug/l	2254580	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
3			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011454.D
Acq On : 15 Nov 2022 13:43
Operator : KP/MD
Sample : N5582-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31979

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.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
Dodecane	14.611	122.7	ug/l	1960700	4	13.428	799286	50.0
Benzene, 2-ethe...	14.684	319.2	ug/l	5101980	4	13.428	799286	50.0
Naphthalene, 1,...	14.836	192.1	ug/l	3071250	4	13.428	799286	50.0
Bicyclo[4.2.0]o...	15.056	116.9	ug/l	1869080	4	13.428	799286	50.0
unknown15.349	15.349	143.0	ug/l	2286300	4	13.428	799286	50.0
Tridecane	15.434	124.7	ug/l	1993010	4	13.428	799286	50.0
1H-Indene, 2,3-...	15.525	135.9	ug/l	2171800	4	13.428	799286	50.0
Naphthalene, 1,...	15.727	269.3	ug/l	4305050	4	13.428	799286	50.0
Naphthalene, 1,...	16.037	196.0	ug/l	3132910	4	13.428	799286	50.0
Naphthalene, 1,...	16.233	141.0	ug/l	2254580	4	13.428	799286	50.0