

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015189.D
 Acq On : 18 Aug 2023 12:24
 Operator : SY/MD
 Sample : 04070-01
 Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015189.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	464	474	487	rBV2	10326	31950	8.42%	0.752%
2	4.936	498	511	524	rVB2	3965	16254	4.28%	0.383%
3	5.740	641	643	651	rVB5	2066	4412	1.16%	0.104%
4	6.978	830	846	866	rBV	52901	172353	45.44%	4.057%
5	7.716	956	967	973	rBV2	49746	118767	31.31%	2.795%
6	7.789	973	979	991	rVB	81827	182572	48.13%	4.297%
7	8.142	1025	1037	1046	rBV	50597	114274	30.12%	2.690%
8	8.685	1118	1126	1139	rBV	124994	252001	66.43%	5.931%
9	10.179	1364	1371	1380	rBV	206215	349137	92.04%	8.217%
10	10.368	1396	1402	1408	rVB3	4810	8190	2.16%	0.193%
11	10.581	1431	1437	1441	rBV	11165	18389	4.85%	0.433%
12	10.947	1491	1497	1503	rBV2	15273	27603	7.28%	0.650%
13	11.038	1508	1512	1516	rVV3	3284	5265	1.39%	0.124%
14	11.093	1516	1521	1526	rVB4	3240	5403	1.42%	0.127%
15	11.276	1543	1551	1563	rVB7	9214	23339	6.15%	0.549%
16	11.380	1563	1568	1575	rBV3	7835	12188	3.21%	0.287%
17	11.489	1578	1586	1596	rBV	201216	322131	84.92%	7.582%
18	11.593	1596	1603	1606	rBV5	3291	5504	1.45%	0.130%
19	11.709	1611	1622	1630	rVV5	37826	82867	21.85%	1.950%
20	11.782	1630	1634	1639	rVB6	4557	7899	2.08%	0.186%
21	11.928	1653	1658	1663	rVB3	2338	4238	1.12%	0.100%
22	12.123	1682	1690	1694	rVB2	10402	16341	4.31%	0.385%
23	12.203	1698	1703	1705	rBV5	6071	10189	2.69%	0.240%
24	12.239	1705	1709	1715	rVV4	11706	22242	5.86%	0.523%
25	12.325	1718	1723	1725	rBV4	3413	4798	1.26%	0.113%
26	12.379	1728	1732	1733	rVV4	5681	8076	2.13%	0.190%
27	12.416	1734	1738	1740	rVV	14180	23155	6.10%	0.545%
28	12.440	1740	1742	1744	rVV2	12318	14304	3.77%	0.337%
29	12.483	1744	1749	1754	rVV2	167257	263662	69.51%	6.206%
30	12.520	1754	1755	1760	rVB	17345	17623	4.65%	0.415%
31	12.648	1771	1776	1777	rBV3	4677	7312	1.93%	0.172%
32	12.733	1783	1790	1793	rBV	22834	38227	10.08%	0.900%
33	12.806	1793	1802	1808	rVV2	119203	195241	51.47%	4.595%
34	12.861	1808	1811	1815	rVB4	9050	13622	3.59%	0.321%
35	12.971	1822	1829	1832	rBV2	18099	38112	10.05%	0.897%
36	13.038	1837	1840	1846	rVB2	24352	34385	9.06%	0.809%

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37	13.117	1846	1853	1858	rBV	46222	72410	19.09%	1.704%
38	13.166	1858	1861	1866	rBV3	6435	9458	2.49%	0.223%
39	13.221	1867	1870	1872	rBV3	6454	7533	1.99%	0.177%
40	13.312	1878	1885	1890	rBV6	20614	42266	11.14%	0.995%
41	13.361	1890	1893	1897	rVV2	21053	30812	8.12%	0.725%
42	13.422	1897	1903	1913	rVB	218718	379334	100.00%	8.928%
43	13.501	1913	1916	1923	rVB	18672	25451	6.71%	0.599%
44	13.568	1923	1927	1929	rBV5	3175	5405	1.42%	0.127%
45	13.623	1929	1936	1939	rBV3	14215	21828	5.75%	0.514%
46	13.666	1939	1943	1951	rVB3	15730	30296	7.99%	0.713%
47	13.751	1951	1957	1962	rBV	134634	188580	49.71%	4.438%
48	13.824	1965	1969	1973	rVB	10063	14595	3.85%	0.344%
49	13.885	1976	1979	1980	rBV	6674	7205	1.90%	0.170%
50	13.916	1980	1984	1989	rVB4	19722	32322	8.52%	0.761%
51	13.971	1989	1993	1997	rVB4	19540	28561	7.53%	0.672%
52	14.013	1997	2000	2005	rVB5	9101	13950	3.68%	0.328%
53	14.080	2005	2011	2016	rBV3	20146	31134	8.21%	0.733%
54	14.141	2016	2021	2027	rBV6	7257	15719	4.14%	0.370%
55	14.239	2027	2037	2039	rBV5	19601	48890	12.89%	1.151%
56	14.312	2046	2049	2056	rVB3	18993	37553	9.90%	0.884%
57	14.379	2056	2060	2064	rBV	21193	26530	6.99%	0.624%
58	14.416	2064	2066	2072	rVB5	7991	10519	2.77%	0.248%
59	14.477	2072	2076	2077	rBV4	3937	4219	1.11%	0.099%
60	14.562	2085	2090	2093	rBV4	4906	8705	2.29%	0.205%
61	14.611	2093	2098	2102	rVV	109791	145212	38.28%	3.418%
62	14.672	2103	2108	2114	rVV5	27541	62585	16.50%	1.473%
63	14.727	2114	2117	2124	rVV2	22606	37647	9.92%	0.886%
64	14.800	2127	2129	2132	rVV4	3968	6427	1.69%	0.151%
65	14.830	2132	2134	2139	rVB4	8331	11728	3.09%	0.276%
66	14.940	2148	2152	2156	rBV5	9410	13817	3.64%	0.325%
67	15.050	2164	2170	2175	rBV7	12424	26487	6.98%	0.623%
68	15.098	2175	2178	2181	rVV4	9050	15364	4.05%	0.362%
69	15.135	2181	2184	2191	rVB5	15852	26202	6.91%	0.617%
70	15.208	2191	2196	2206	rBV4	22348	44392	11.70%	1.045%
71	15.318	2206	2214	2222	rBV3	12027	35988	9.49%	0.847%
72	15.434	2228	2233	2240	rVB	68817	104673	27.59%	2.464%
73	15.537	2242	2250	2255	rVV10	8280	23864	6.29%	0.562%
74	15.604	2259	2261	2267	rVB6	6945	9343	2.46%	0.220%
75	15.726	2278	2281	2288	rVB5	7484	12180	3.21%	0.287%
76	15.885	2302	2307	2309	rBV5	5492	9696	2.56%	0.228%

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77	15.964	2317	2320	2324	rVB5	4311	4721	1.24%	0.111%
78	16.013	2324	2328	2329	rBV2	7513	8781	2.31%	0.207%
79	16.086	2337	2340	2346	rVB6	6459	12321	3.25%	0.290%
80	16.153	2347	2351	2357	rVB3	6588	10781	2.84%	0.254%
81	16.232	2357	2364	2369	rVB9	3434	7021	1.85%	0.165%
82	16.360	2379	2385	2391	rBV2	25552	43861	11.56%	1.032%
83	16.470	2397	2403	2404	rBV6	3736	5644	1.49%	0.133%
84	16.531	2411	2413	2418	rVB6	2983	4719	1.24%	0.111%

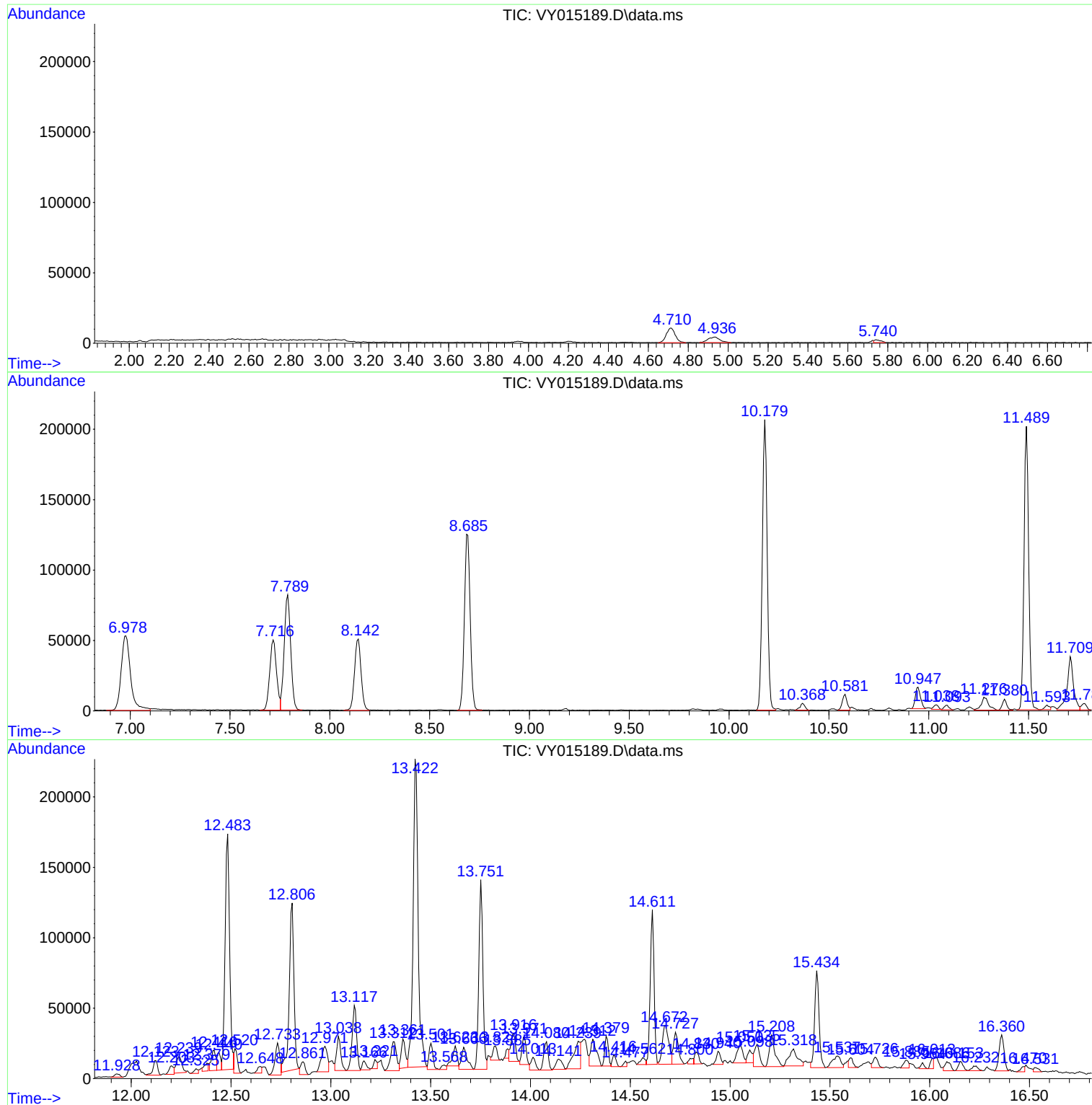
Sum of corrected areas: 4248754

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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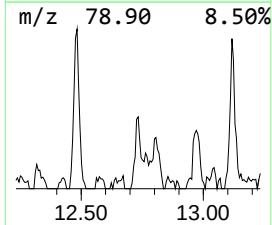
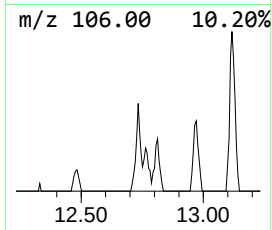
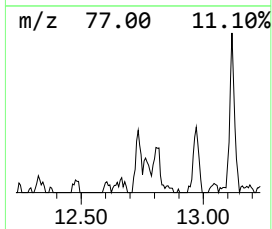
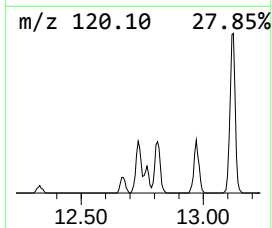
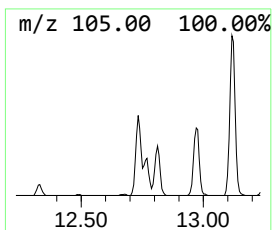
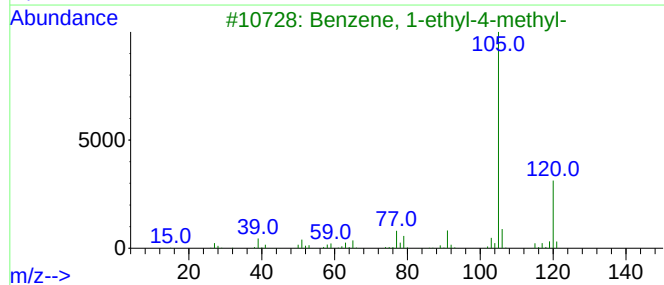
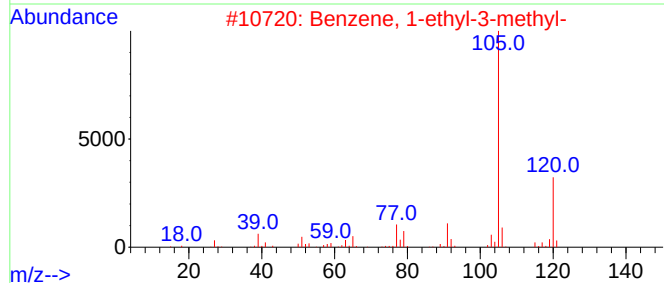
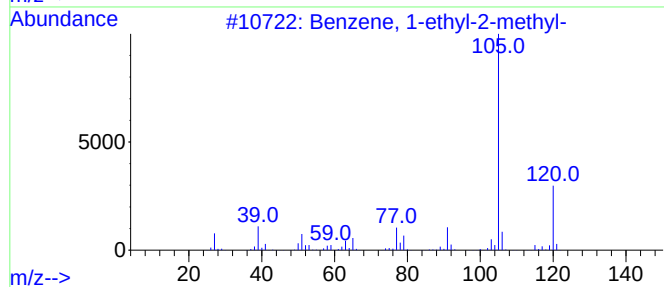
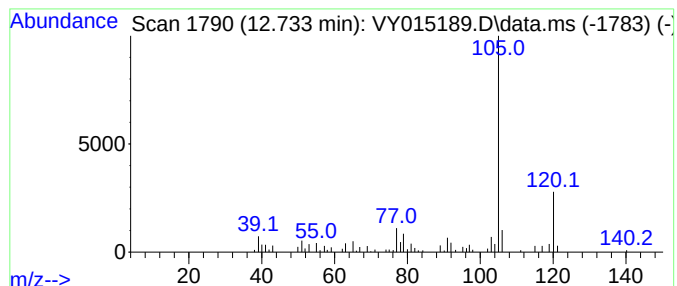
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	5.04 ug/l	38227	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Mesitylene	120	C9H12	000108-67-8	83
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83



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Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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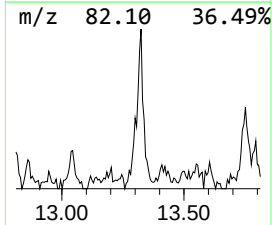
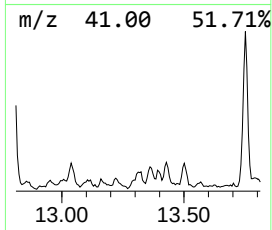
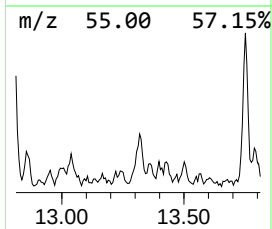
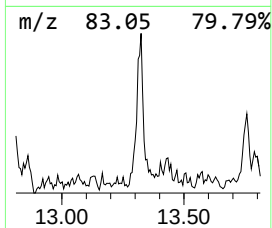
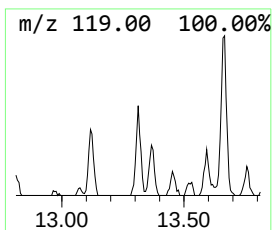
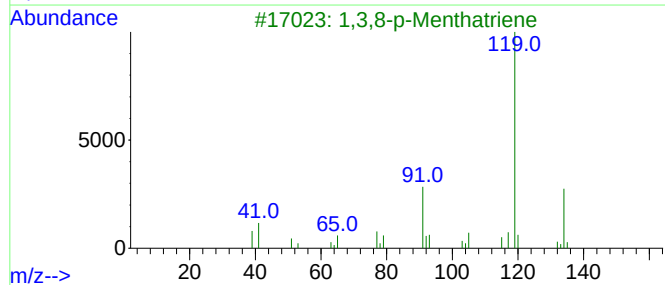
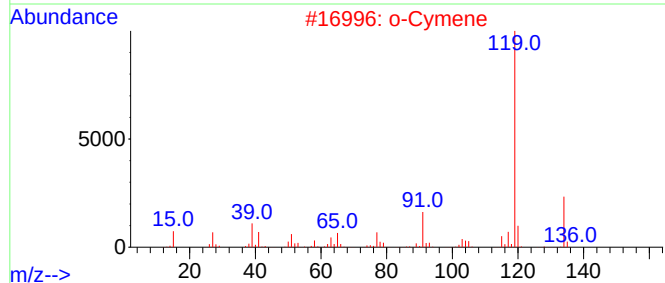
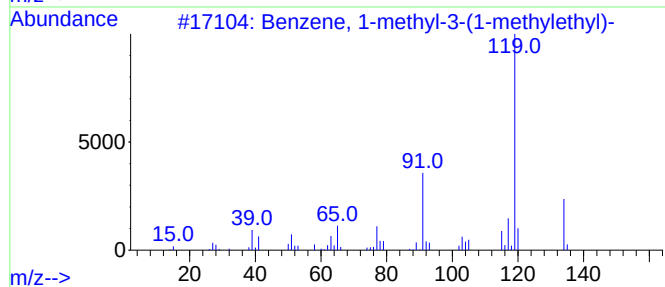
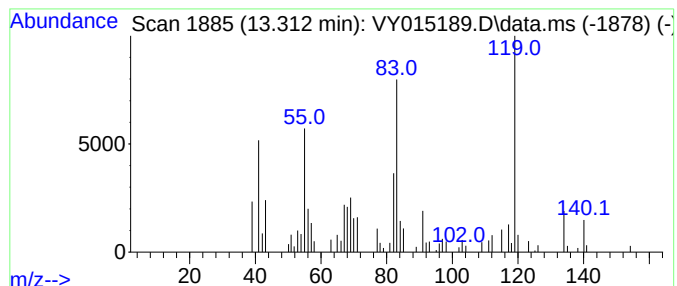
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	5.57 ug/l	42266	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2			o-Cymene	134	C10H14	000527-84-4	38
3			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5			p-Cymene	134	C10H14	000099-87-6	38



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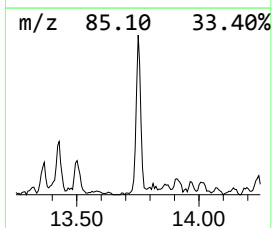
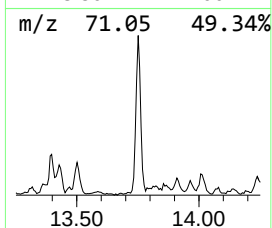
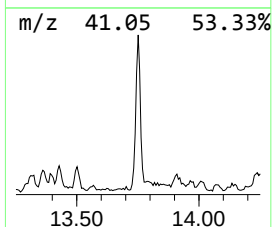
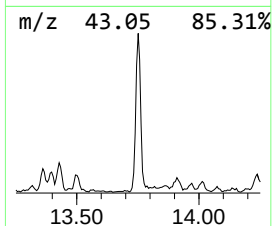
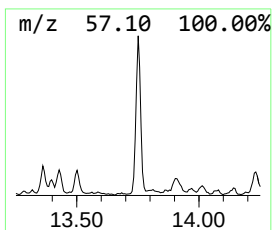
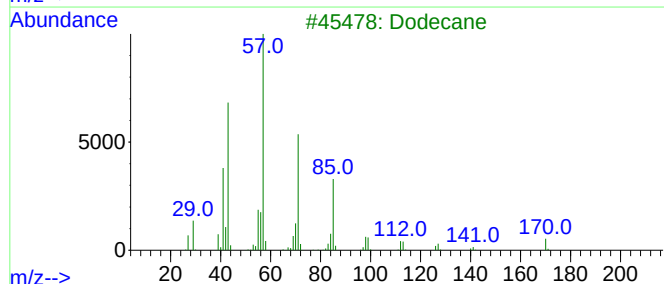
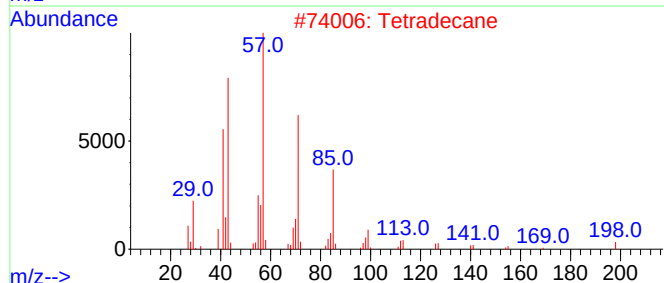
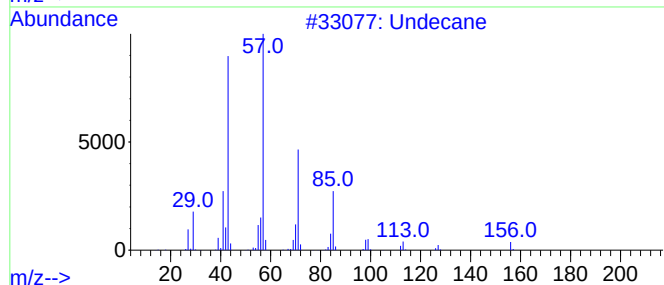
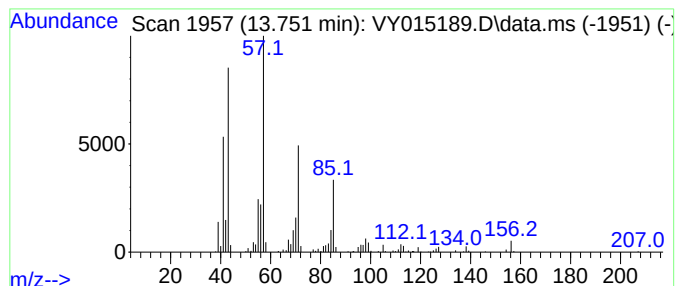
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	24.86 ug/l	188580	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	90
2	Tetradecane			198	C14H30	000629-59-4	86
3	Dodecane			170	C12H26	000112-40-3	78
4	Tridecane			184	C13H28	000629-50-5	72
5	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	59



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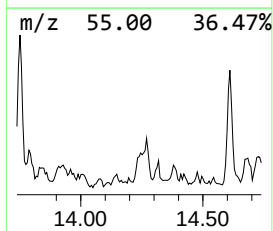
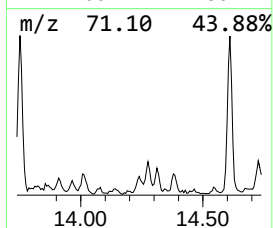
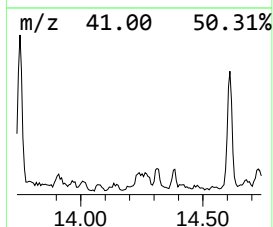
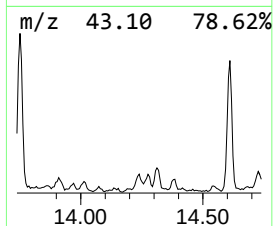
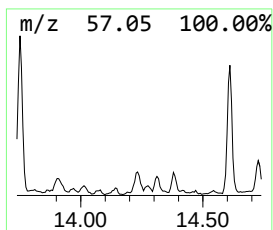
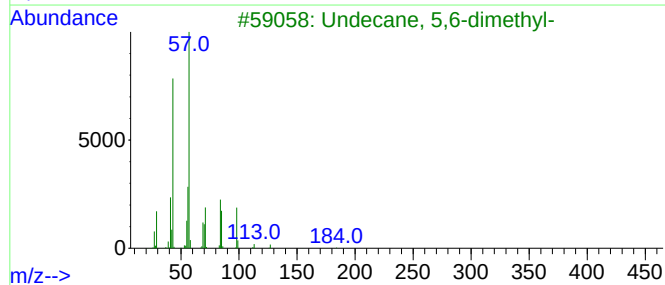
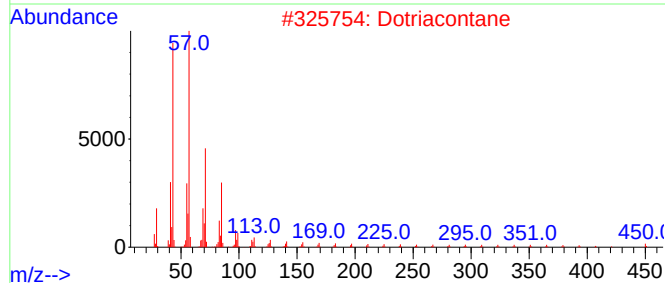
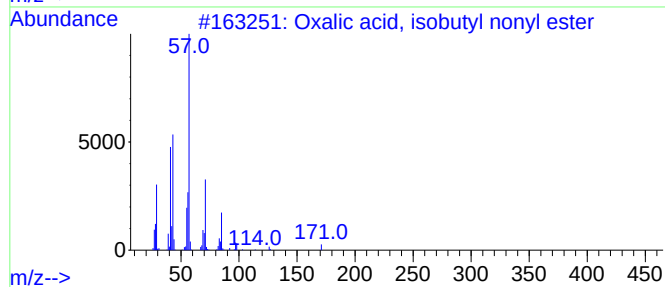
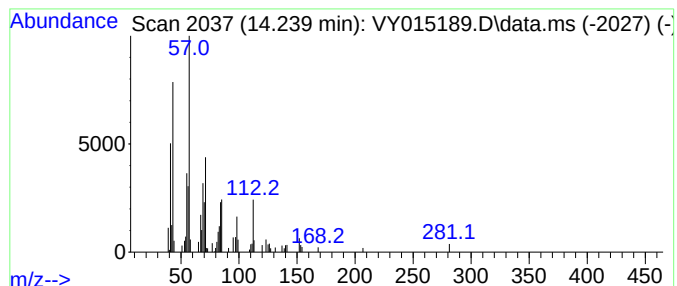
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.239 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	6.44 ug/l	48890	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
2			Dotriacontane	451	C32H66	000544-85-4	43
3			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
4			Hexatriacontane	507	C36H74	000630-06-8	43
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

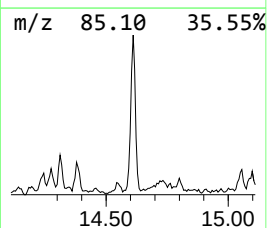
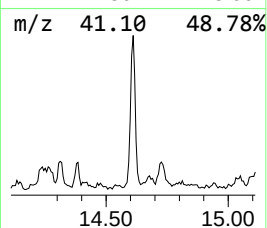
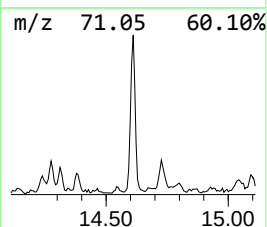
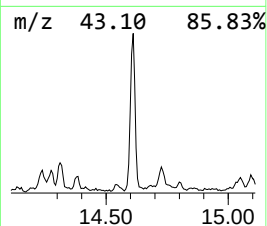
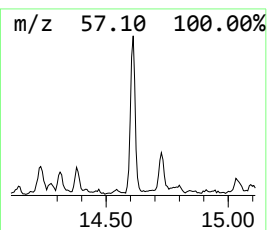
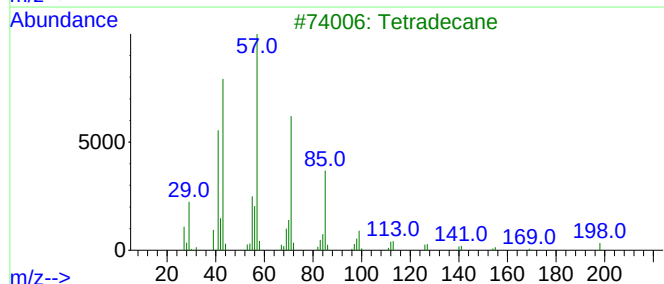
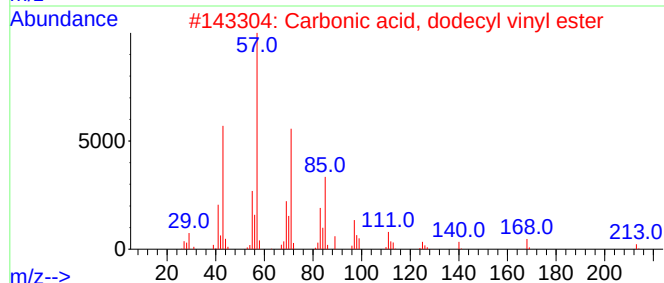
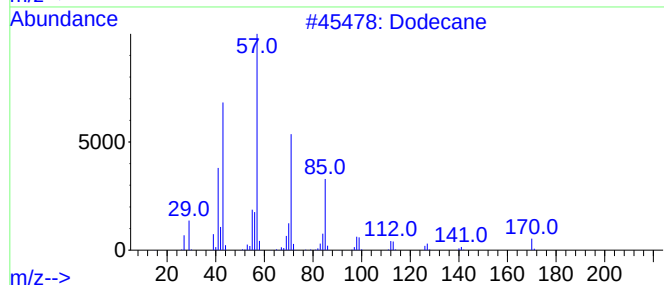
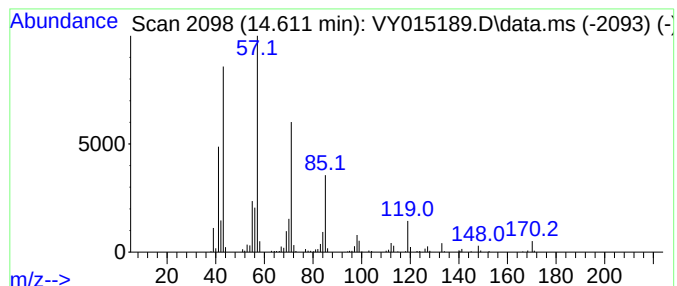
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	19.14 ug/l	145212	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	80
3			Tetradecane	198	C14H30	000629-59-4	72
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SoIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

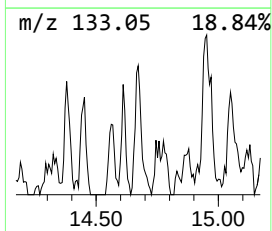
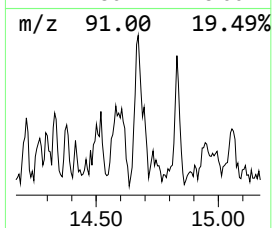
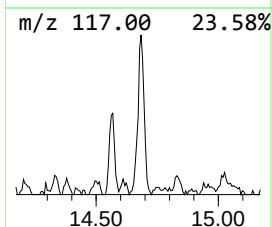
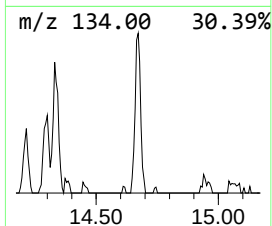
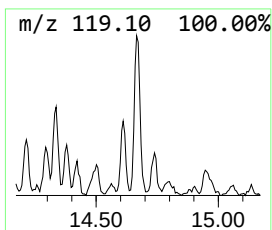
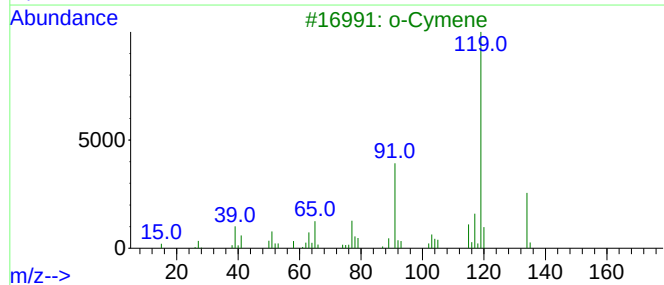
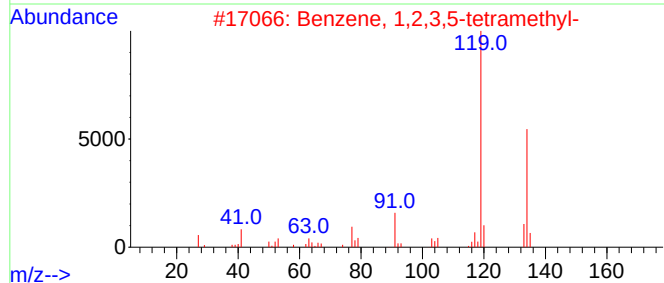
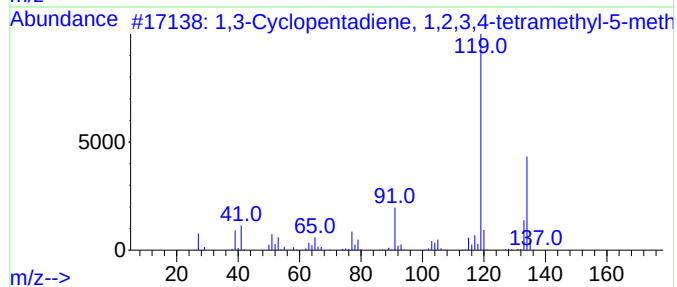
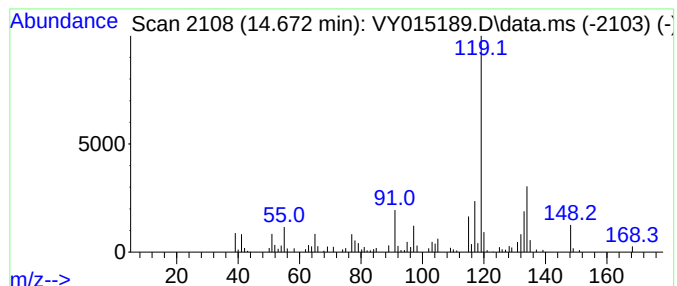
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Quant Title : SW846 8260

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

Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	8.25 ug/l	62585	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3			o-Cymene	134	C10H14	000527-84-4	70
4			p-Cymene	134	C10H14	000099-87-6	70
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

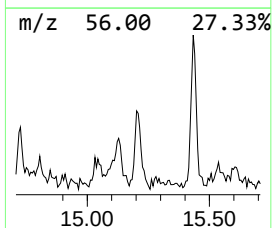
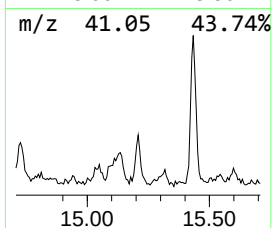
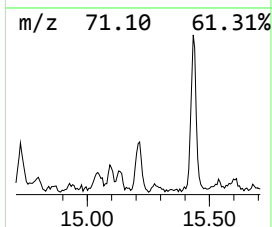
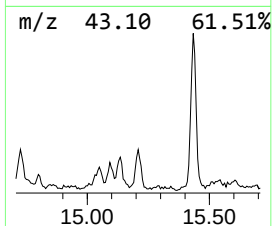
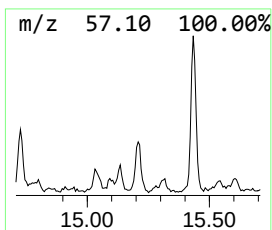
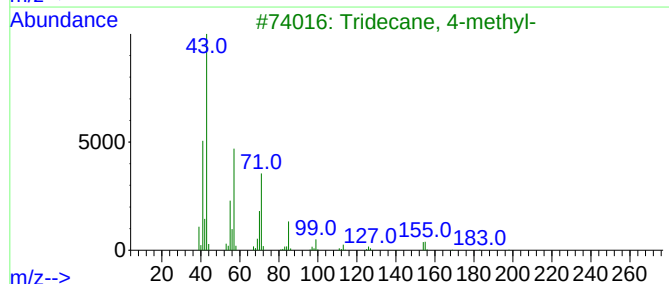
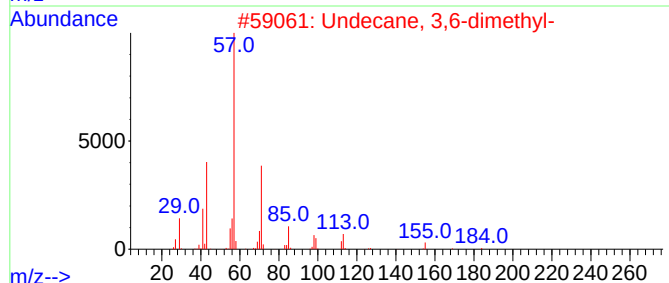
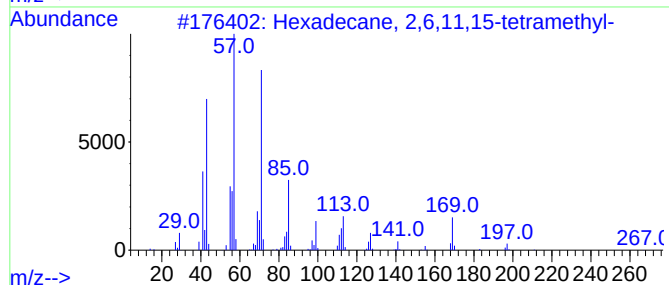
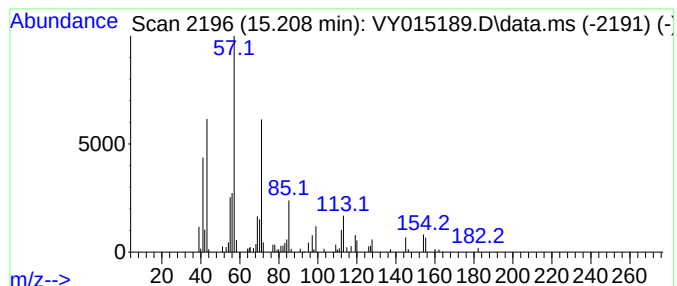
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Quant Title : SW846 8260

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

Peak Number 8 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	5.85 ug/l	44392	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

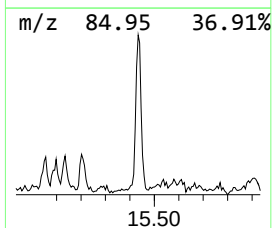
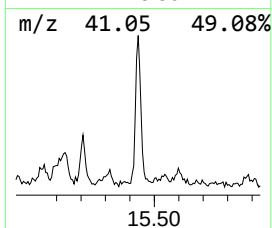
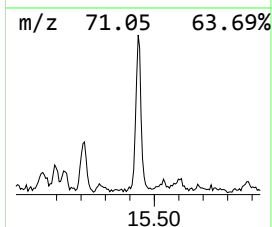
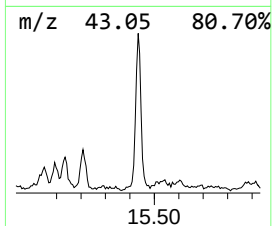
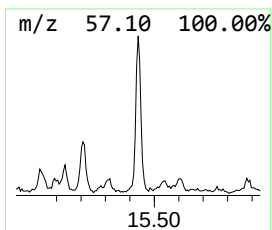
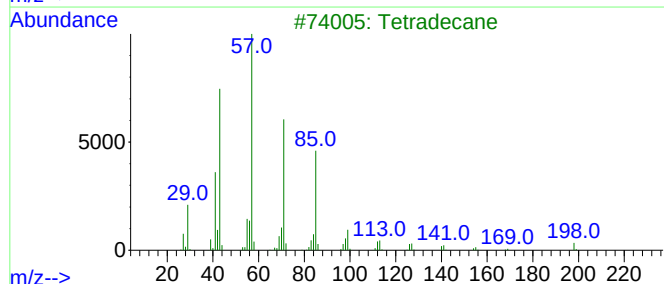
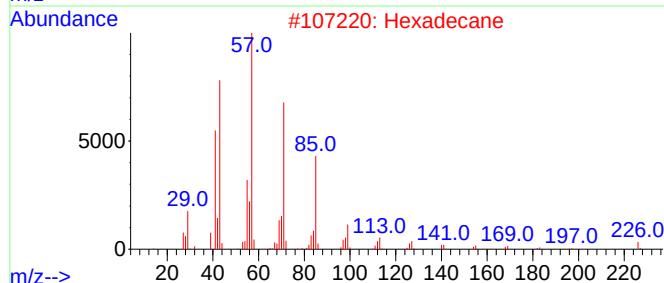
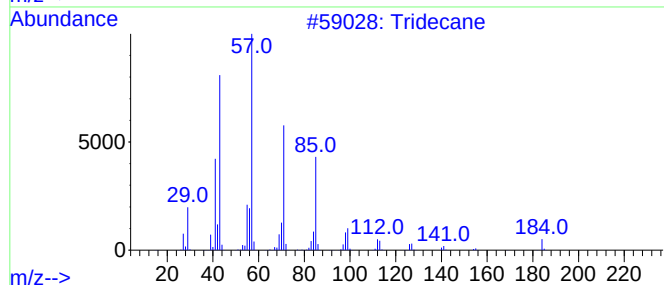
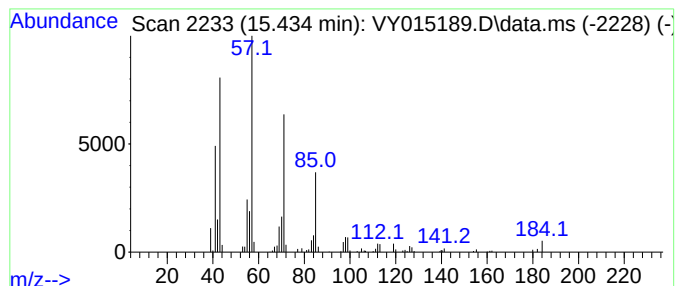
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	13.80 ug/l	104673	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	80
4			Dodecane	170	C12H26	000112-40-3	80
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

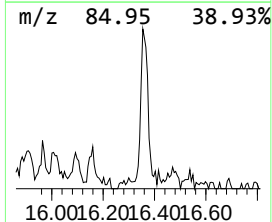
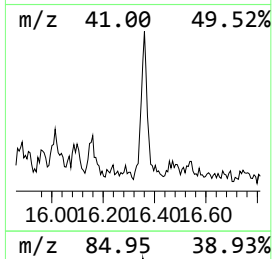
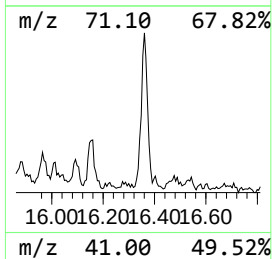
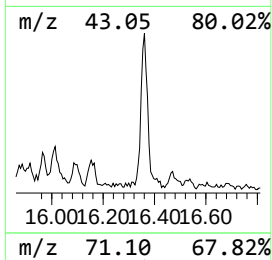
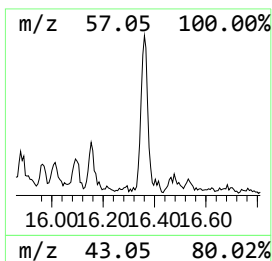
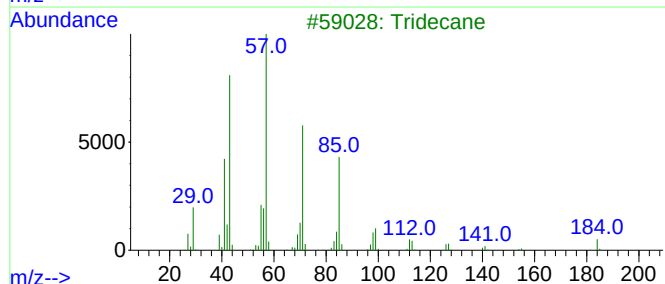
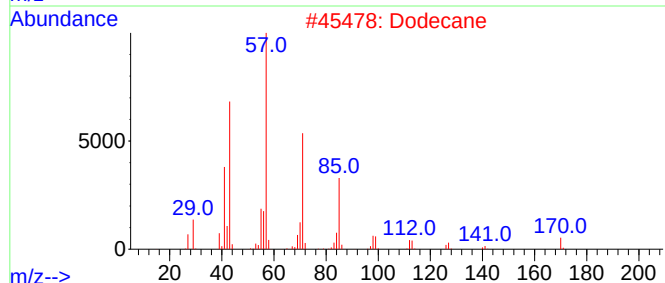
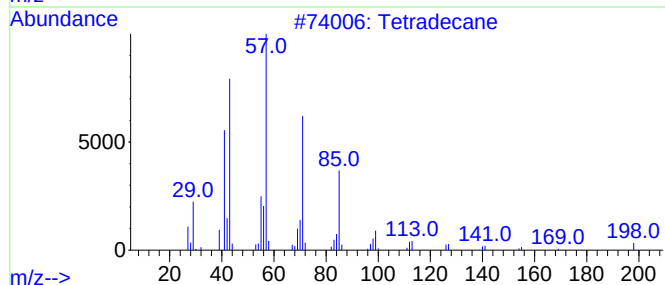
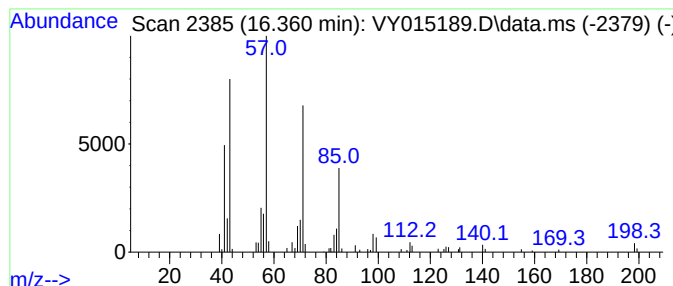
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	5.78 ug/l	43861	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Dodecane	170	C12H26	000112-40-3	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Nonadecane	268	C19H40	000629-92-5	78
5			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015189.D
Acq On : 18 Aug 2023 12:24
Operator : SY/MD
Sample : 04070-01
Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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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Benzene, 1-meth...	13.312	5.6	ug/l	42266	4	13.422	379334	50.0
Undecane	13.751	24.9	ug/l	188580	4	13.422	379334	50.0
unknown14.239	14.239	6.4	ug/l	48890	4	13.422	379334	50.0
Dodecane	14.611	19.1	ug/l	145212	4	13.422	379334	50.0
1,3-Cyclopentad...	14.672	8.3	ug/l	62585	4	13.422	379334	50.0
Hexadecane, 2,6...	15.208	5.8	ug/l	44392	4	13.422	379334	50.0
Tridecane	15.434	13.8	ug/l	104673	4	13.422	379334	50.0
Tetradecane	16.360	5.8	ug/l	43861	4	13.422	379334	50.0