

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023122.D
 Acq On : 15 Aug 2025 13:28
 Operator : SY/MD
 Sample : Q2820-24
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22M-S

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\82Y081225S.M
 Title : SW846 8260

Signal : TIC: VY023122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	957	970	976	rBV	441610	1068568	5.82%	0.696%
2	7.707	976	982	997	rVB	701730	1574686	8.57%	1.026%
3	8.061	1030	1040	1060	rBV	365524	815430	4.44%	0.531%
4	8.609	1121	1130	1144	rBV	1202283	2330051	12.68%	1.518%
5	10.103	1367	1375	1389	rBV	1893309	3177241	17.29%	2.070%
6	11.414	1582	1590	1602	rBV	1650646	2736612	14.89%	1.783%
7	11.926	1666	1674	1680	rBV4	206914	508872	2.77%	0.332%
8	12.048	1690	1694	1698	rVB	241575	342474	1.86%	0.223%
9	12.127	1698	1707	1708	rBV4	286203	459293	2.50%	0.299%
10	12.152	1708	1711	1716	rVB	469143	754292	4.11%	0.491%
11	12.237	1716	1725	1729	rBV6	150801	468782	2.55%	0.305%
12	12.401	1746	1752	1758	rBV2	1510733	2636752	14.35%	1.718%
13	12.493	1758	1767	1771	rBV6	213613	564444	3.07%	0.368%
14	12.560	1774	1778	1785	rVB2	950641	1694378	9.22%	1.104%
15	12.651	1785	1793	1799	rBV6	435548	1302025	7.09%	0.848%
16	12.731	1799	1806	1809	rBV4	646795	1484350	8.08%	0.967%
17	12.871	1820	1829	1832	rBV4	556043	969661	5.28%	0.632%
18	12.926	1832	1838	1839	rBV4	356874	571266	3.11%	0.372%
19	12.962	1839	1844	1851	rVB	1705066	2866014	15.60%	1.867%
20	13.090	1861	1865	1870	rBV4	479003	952195	5.18%	0.620%
21	13.139	1870	1873	1876	rVV2	299311	397103	2.16%	0.259%
22	13.212	1881	1885	1892	rBV6	607148	1450031	7.89%	0.945%
23	13.279	1892	1896	1900	rVV5	606411	1070931	5.83%	0.698%
24	13.340	1902	1906	1914	rVB2	1486442	2745107	14.94%	1.788%
25	13.413	1914	1918	1922	rBV2	389964	717227	3.90%	0.467%
26	13.481	1925	1929	1933	rVB4	1217620	1889789	10.29%	1.231%
27	13.523	1933	1936	1939	rBV5	345856	399195	2.17%	0.260%
28	13.609	1945	1950	1952	rBV5	564477	1040562	5.66%	0.678%
29	13.663	1953	1959	1964	rVV4	2695189	5370199	29.23%	3.499%
30	13.779	1974	1978	1983	rBV6	946295	2143648	11.67%	1.397%
31	13.834	1983	1987	1992	rVV3	1072425	1888232	10.28%	1.230%
32	13.932	2000	2003	2008	rVB	1708029	2135499	11.62%	1.391%
33	13.993	2009	2013	2017	rBV4	1101857	1592729	8.67%	1.038%
34	14.060	2018	2024	2029	rBV6	1613742	3368538	18.33%	2.195%
35	14.115	2030	2033	2036	rBV3	773090	1064253	5.79%	0.693%
36	14.169	2036	2042	2049	rBV5	3592988	8763413	47.70%	5.709%

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37	14.230	2049	2052	2056	rVB4	1438308	1778468	9.68%	1.159%
38	14.297	2059	2063	2066	rBV3	1860132	2638563	14.36%	1.719%
39	14.334	2066	2069	2073	rVB3	4046552	5346627	29.10%	3.483%
40	14.462	2086	2090	2093	rBV2	1272513	1922508	10.46%	1.252%
41	14.529	2097	2101	2105	rBV2	2592911	3753963	20.43%	2.446%
42	14.596	2108	2112	2116	rVV4	1800085	3287159	17.89%	2.142%
43	14.645	2116	2120	2126	rVV	10220204	14891485	81.05%	9.702%
44	14.761	2136	2139	2142	rBV	1607206	2317191	12.61%	1.510%
45	14.913	2161	2164	2166	rBV3	1176199	1622220	8.83%	1.057%
46	14.956	2167	2171	2174	rVV6	1363830	2930067	15.95%	1.909%
47	15.121	2193	2198	2204	rBV	11928806	18373598	100.00%	11.970%
48	15.340	2230	2234	2241	rBV4	2780610	5861006	31.90%	3.818%
49	15.505	2256	2261	2266	rVB2	4950157	8687666	47.28%	5.660%
50	16.041	2345	2349	2356	rVB	3481361	5857617	31.88%	3.816%
51	16.352	2396	2400	2405	rVB2	1465201	2406980	13.10%	1.568%
52	16.474	2416	2420	2428	rBV8	672210	1632369	8.88%	1.063%
53	16.632	2440	2446	2459	rVB3	2747286	6874697	37.42%	4.479%

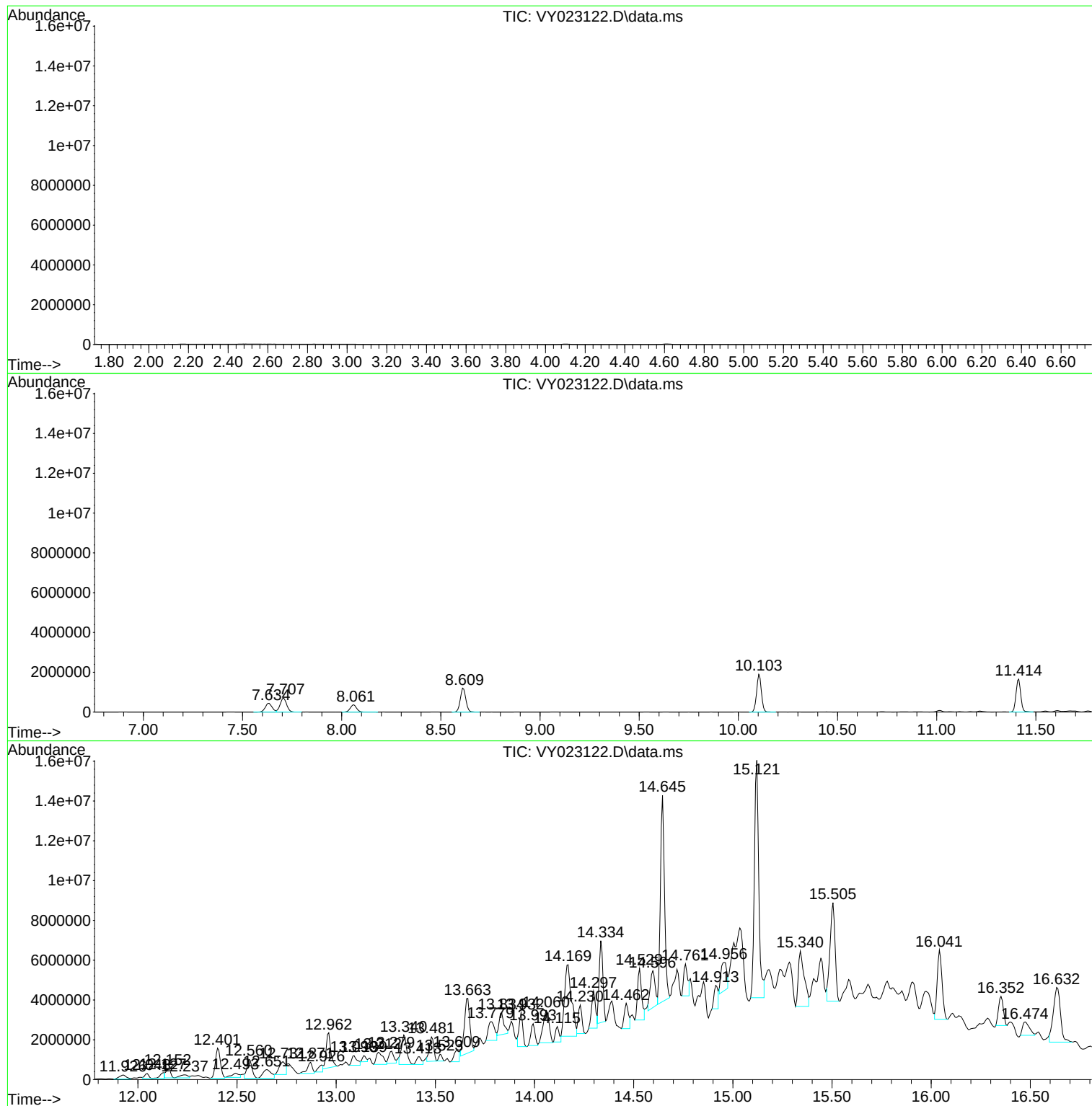
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Quant Title : SW846 8260

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



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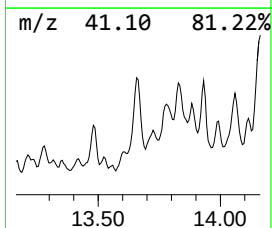
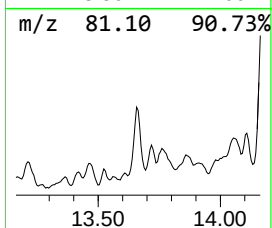
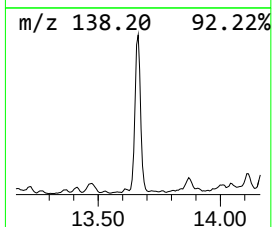
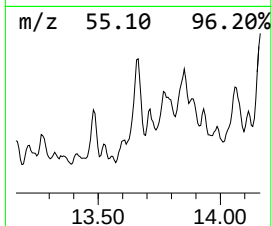
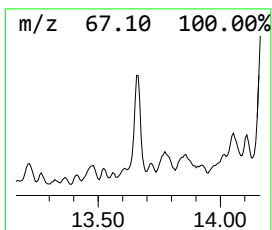
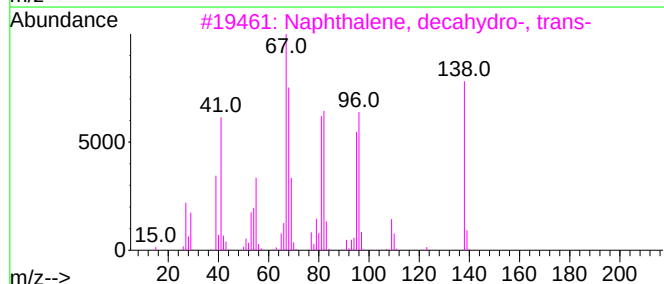
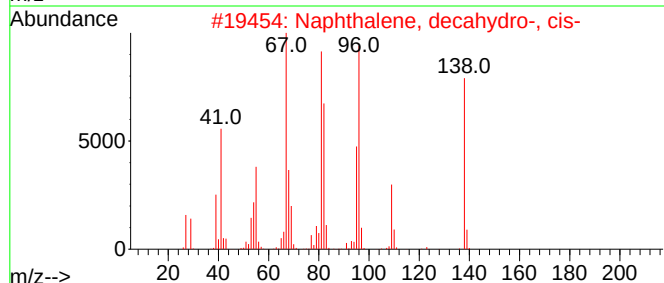
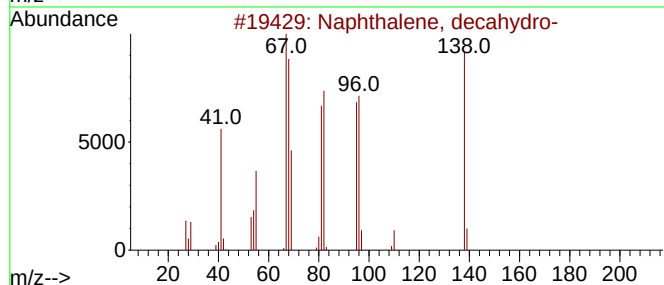
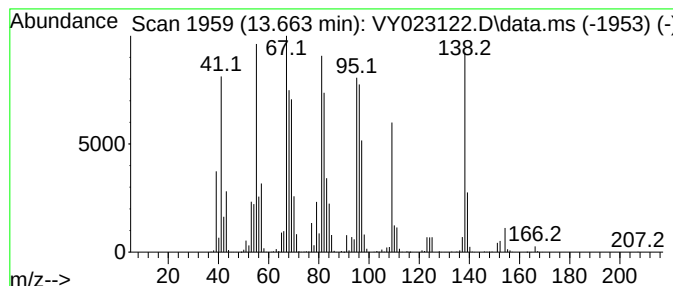
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	97.81 ug/l	5370200	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
4			Spiro[4.5]decane	138	C10H18	000176-63-6	70
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	64



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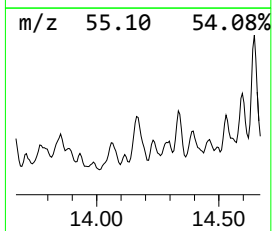
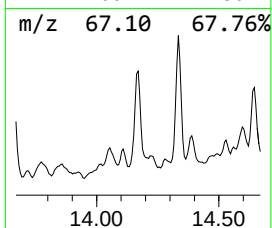
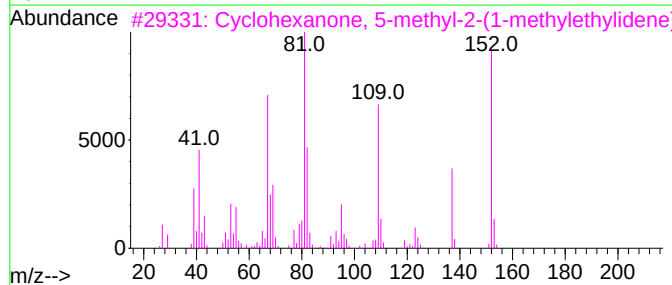
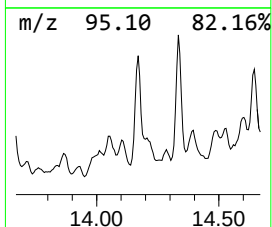
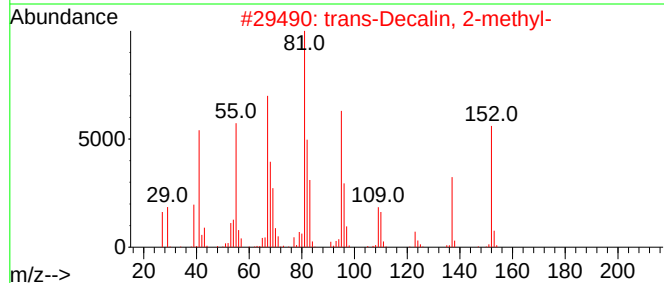
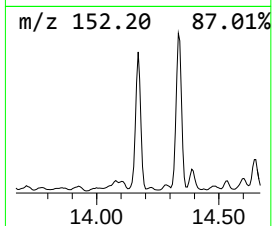
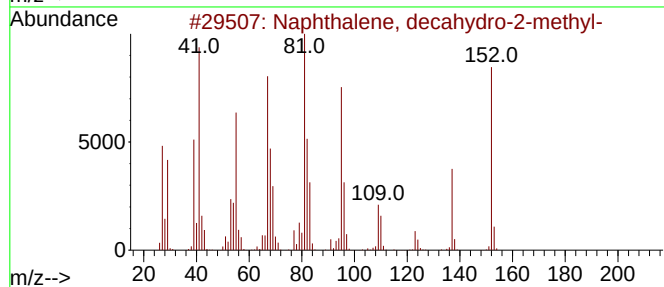
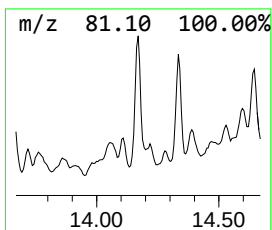
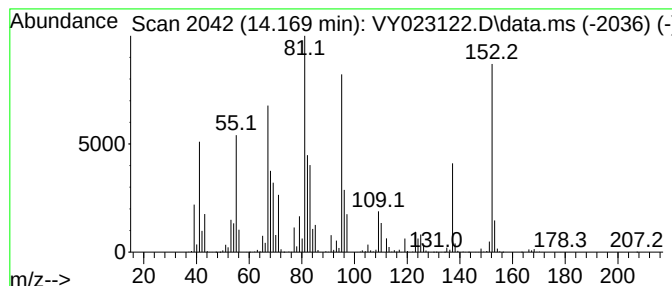
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	159.62 ug/l	8763410	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
4			Pulegone	152	C10H16O	000089-82-7	70
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68



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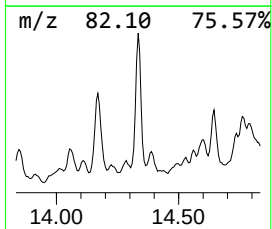
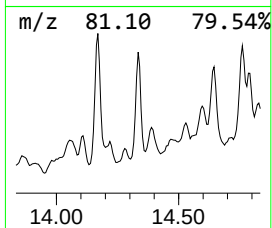
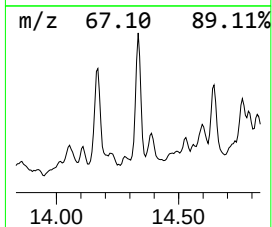
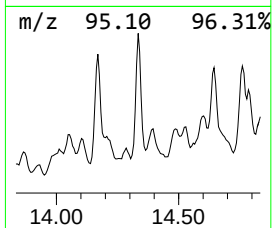
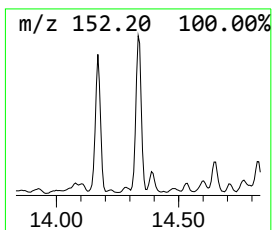
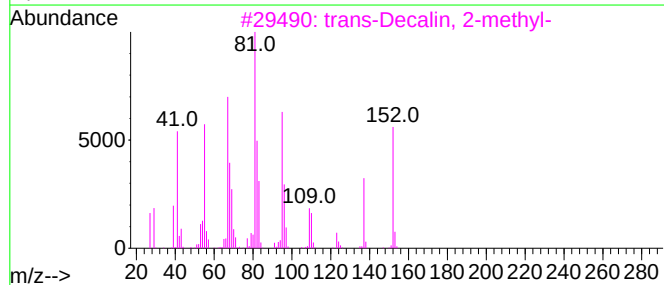
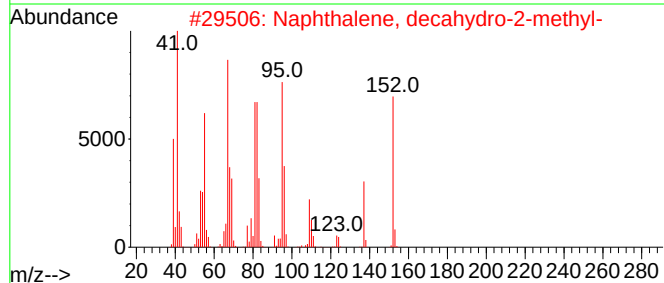
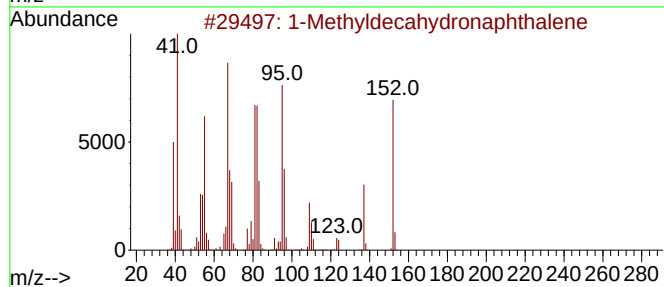
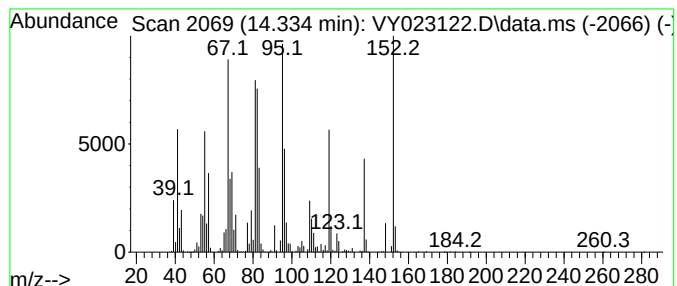
Instrument :
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.334	97.38 ug/l	5346630	1,4-Dichlorobenzene-d4	13.340	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	60
5	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	60



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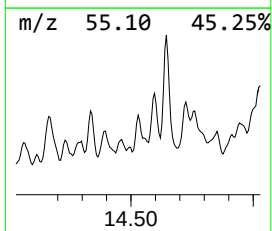
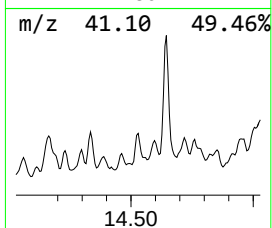
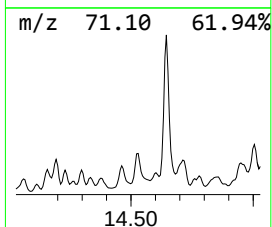
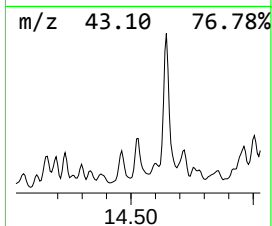
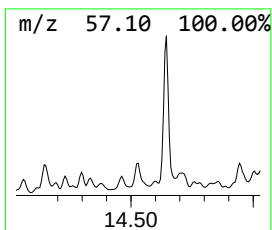
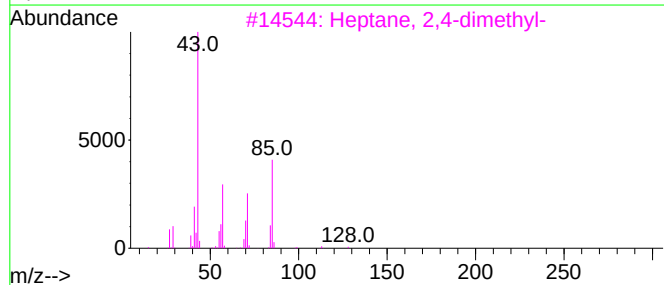
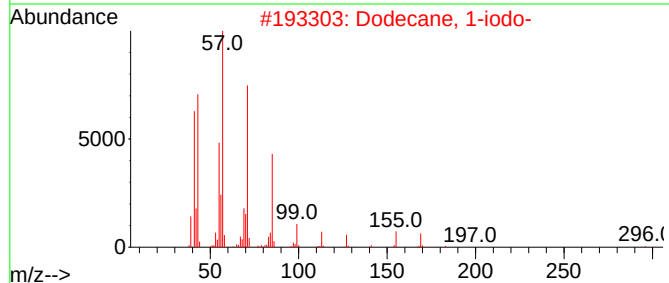
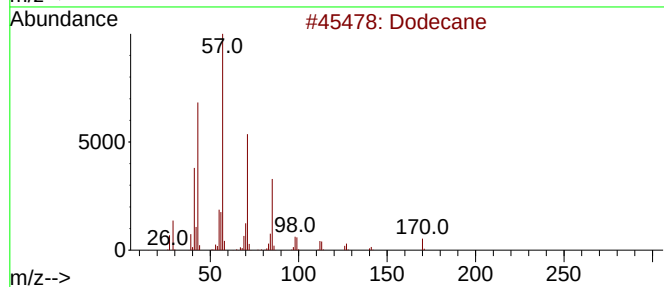
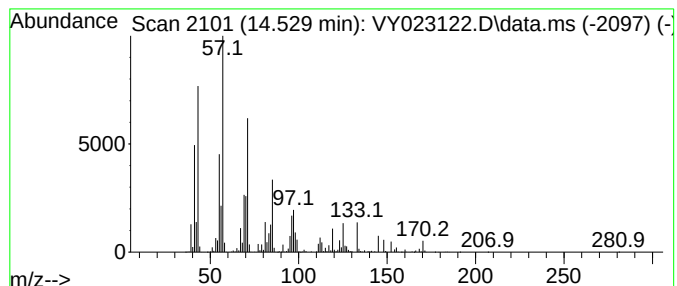
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	68.38 ug/l	3753960	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
4			Tetradecane	198	C14H30	000629-59-4	35
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35



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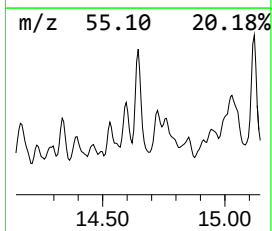
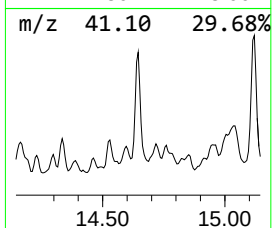
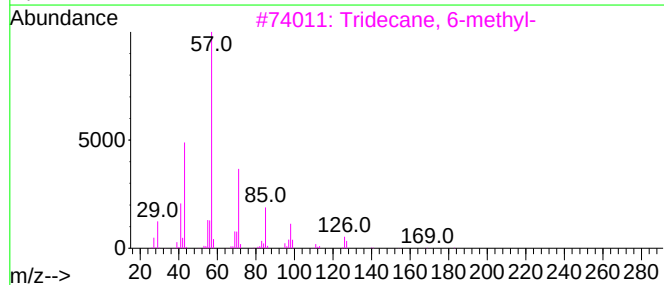
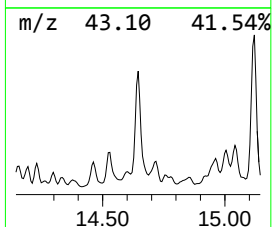
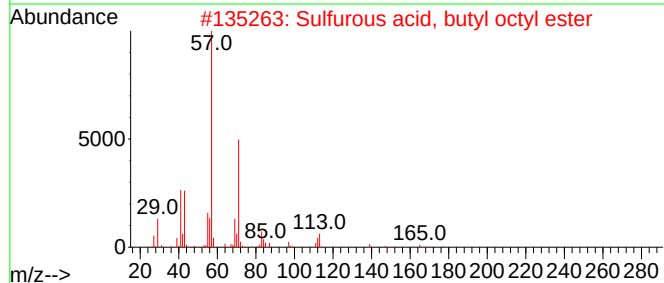
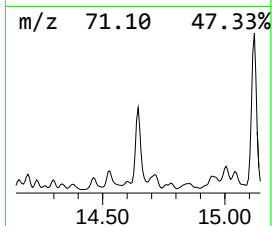
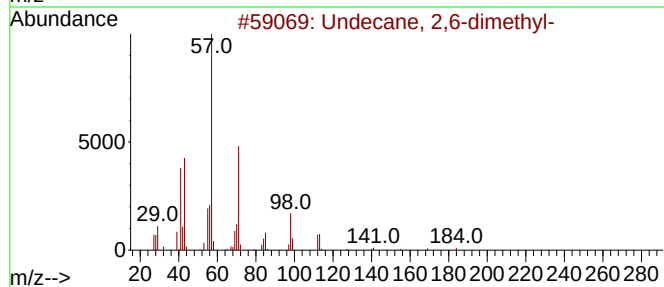
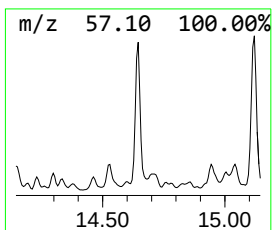
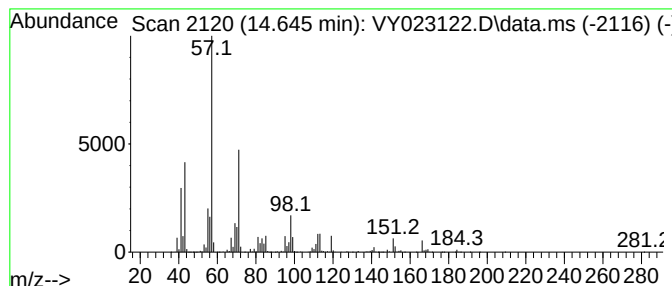
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Quant Title : SW846 8260

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	271.24 ug/l	14891500	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
5			Tetratetracontane	619	C44H90	007098-22-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

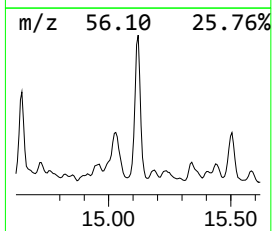
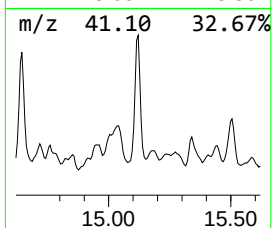
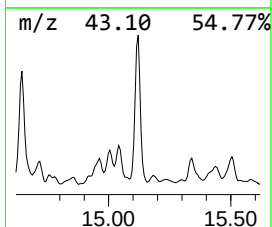
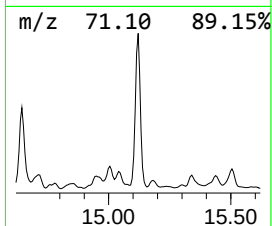
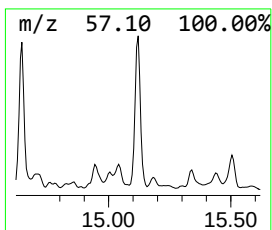
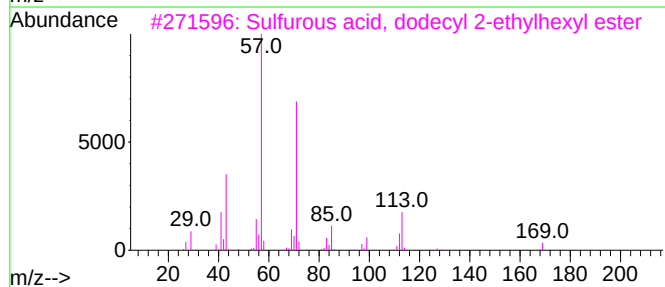
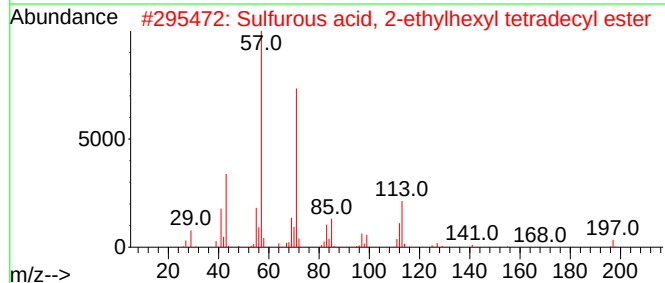
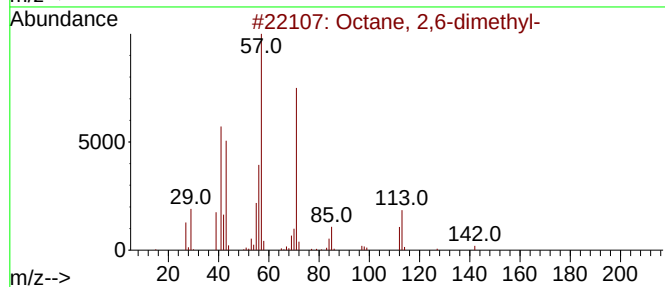
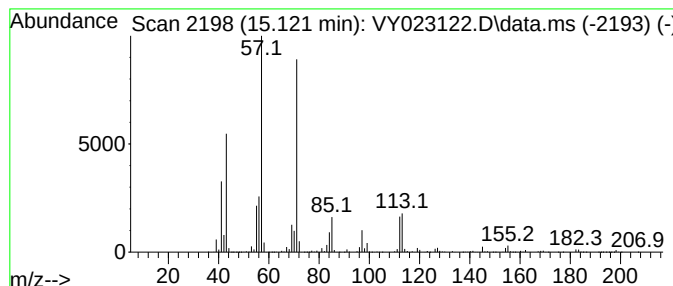
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	334.66 ug/l	18373600	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	80
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

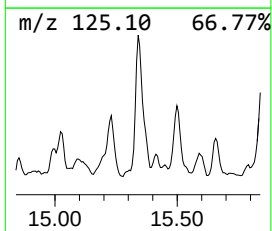
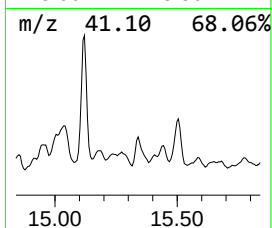
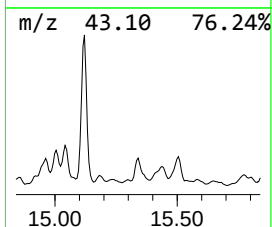
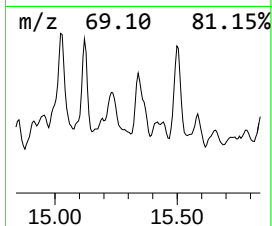
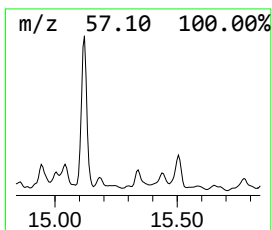
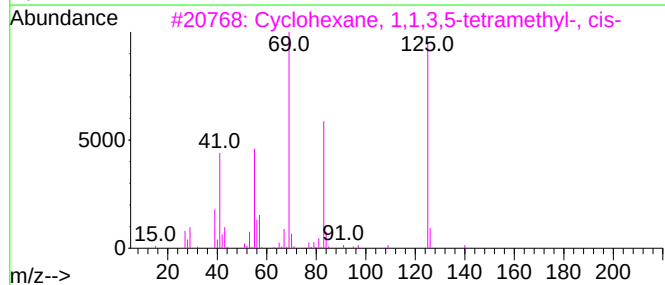
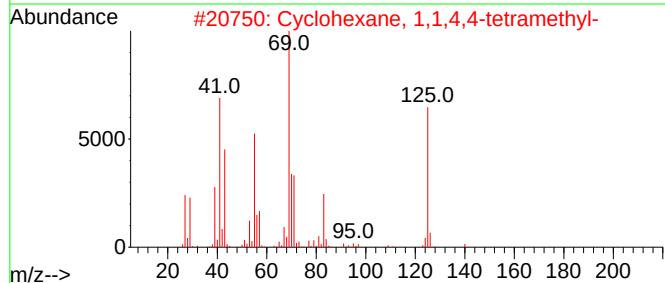
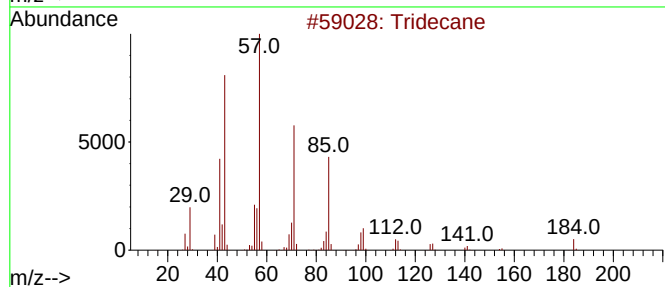
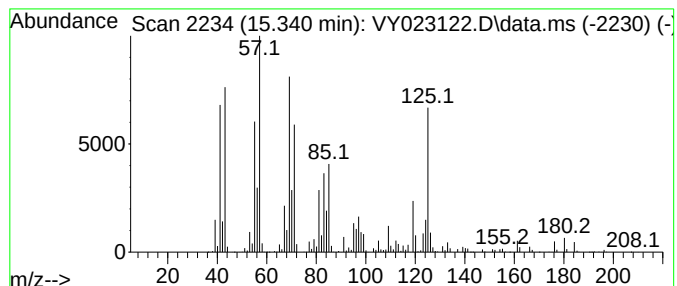
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	106.75 ug/l	5861010	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	46
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	38
5			2-Hexanone, 5-methyl-3-methylene-	126	C8H14O	001187-87-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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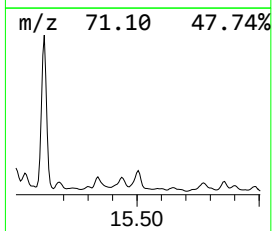
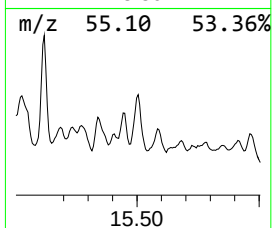
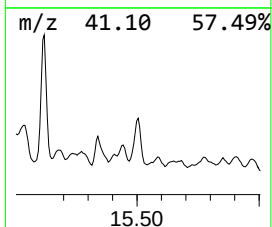
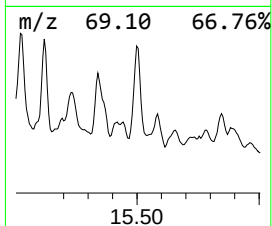
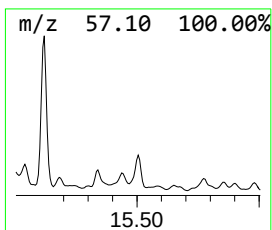
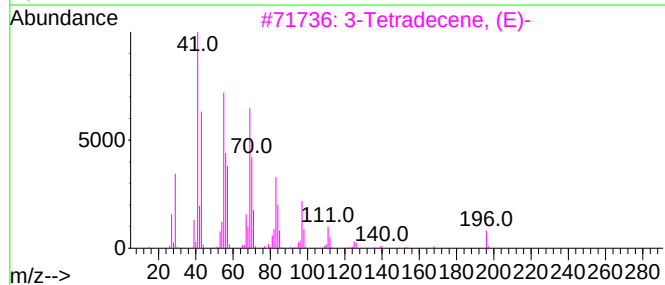
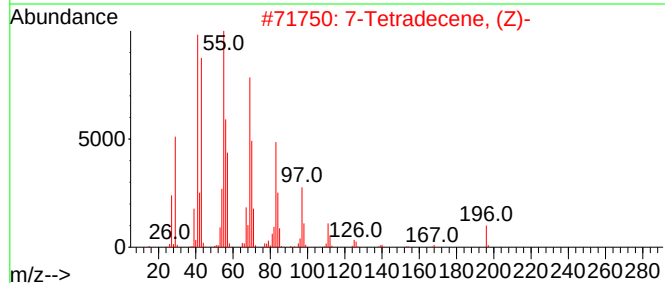
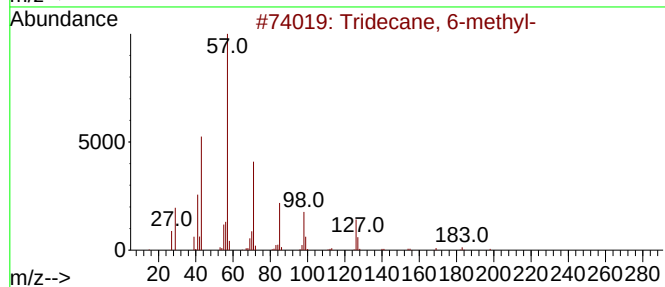
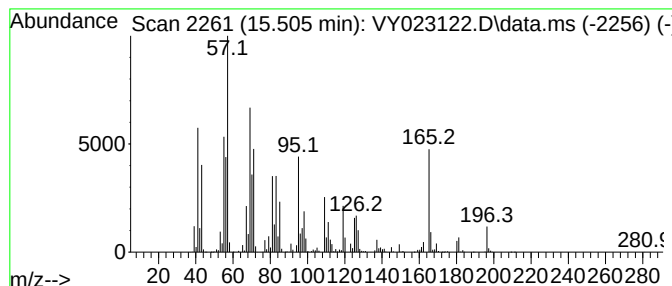
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.505 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.505	158.24 ug/l	8687670	1,4-Dichlorobenzene-d4	13.340

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
2		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	25
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	15
4		4-Tetradecene, (E)-	196	C14H28	041446-78-0	15
5		6-Tetradecene, (E)-	196	C14H28	041446-64-4	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

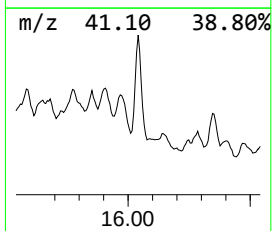
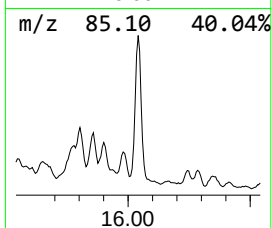
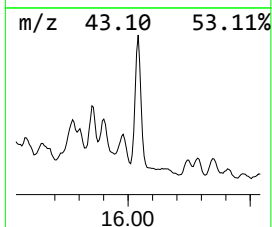
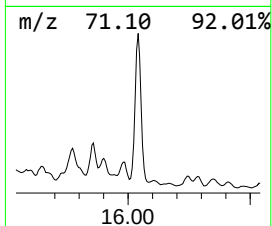
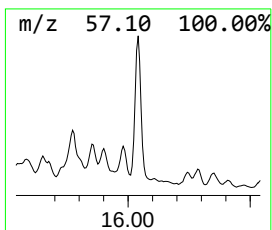
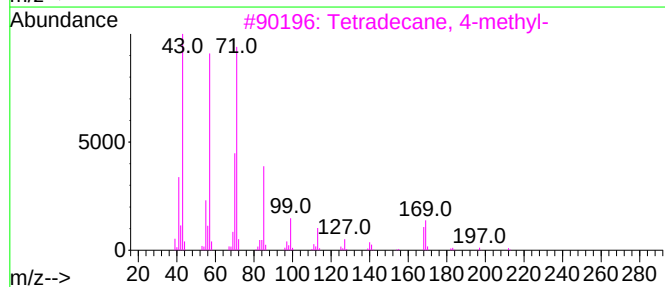
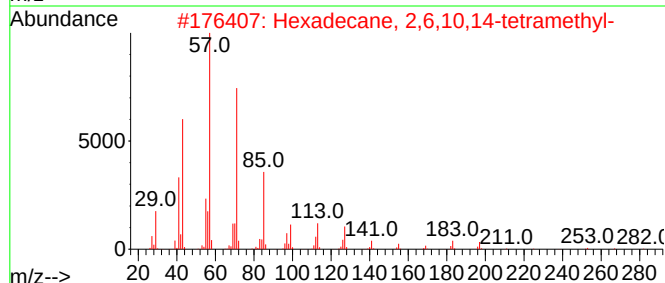
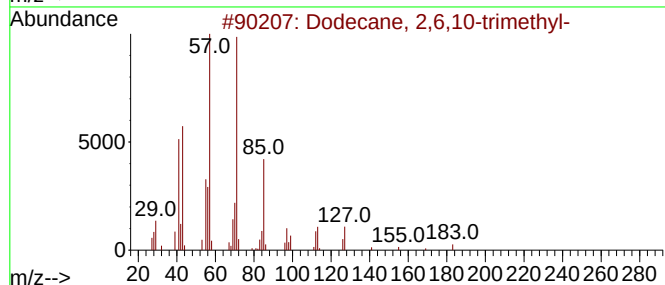
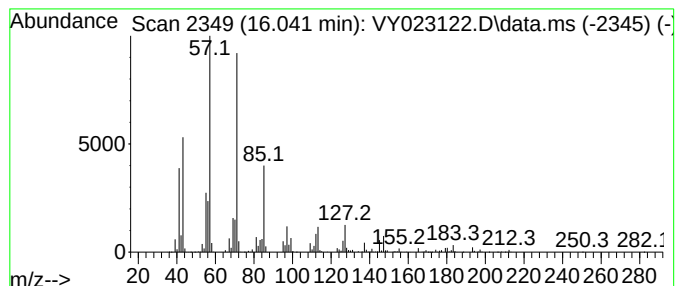
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.041	106.69 ug/l	5857620	1,4-Dichlorobenzene-d4	13.340

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
4		Octane, 2-methyl-	128	C9H20	003221-61-2	74
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

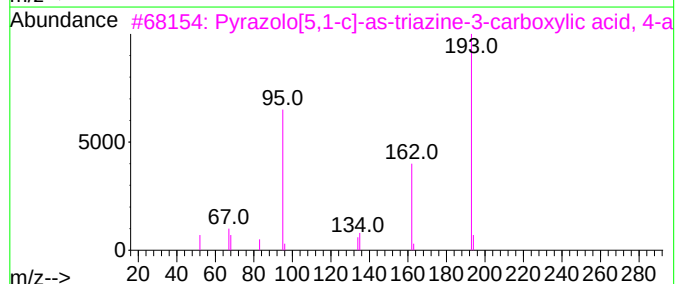
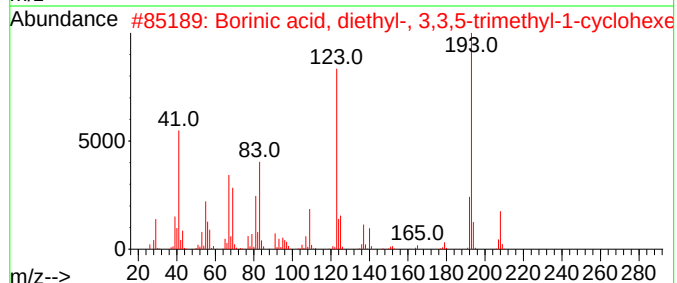
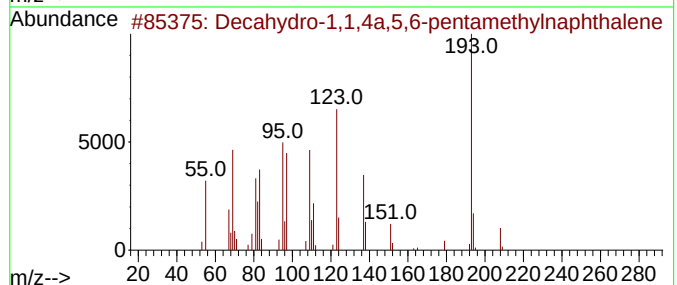
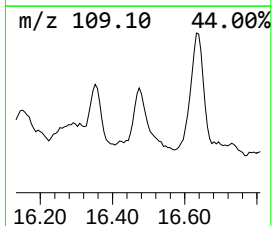
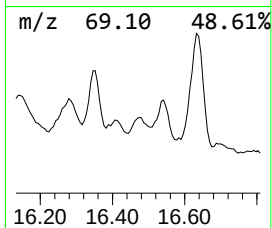
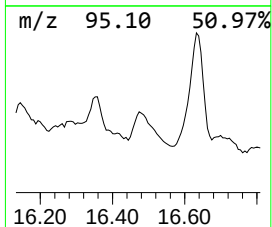
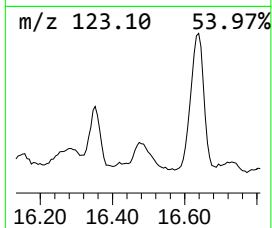
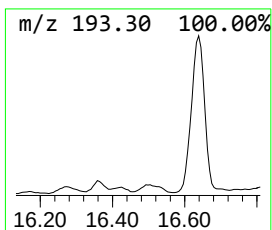
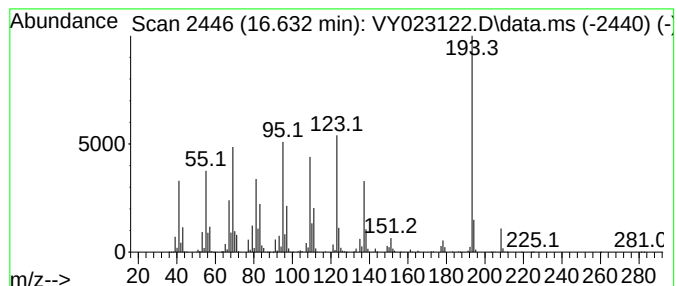
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Quant Title : SW846 8260

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

Peak Number 10 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.632	125.22 ug/l	6874700	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	87
2			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	42
3			Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	35
4			2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	30
5			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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
Naphthalene, de...	13.664	97.8	ug/l	5370200	4	13.340	2745110	50.0
Naphthalene, de...	14.169	159.6	ug/l	8763410	4	13.340	2745110	50.0
1-Methyldecahyd...	14.334	97.4	ug/l	5346630	4	13.340	2745110	50.0
Dodecane	14.529	68.4	ug/l	3753960	4	13.340	2745110	50.0
Undecane, 2,6-d...	14.645	271.2	ug/l	14891500	4	13.340	2745110	50.0
Octane, 2,6-dim...	15.121	334.7	ug/l	18373600	4	13.340	2745110	50.0
Tridecane	15.340	106.8	ug/l	5861010	4	13.340	2745110	50.0
unknown15.505	15.505	158.2	ug/l	8687670	4	13.340	2745110	50.0
Dodecane, 2,6,1...	16.041	106.7	ug/l	5857620	4	13.340	2745110	50.0
Decahydro-1,1,4...	16.632	125.2	ug/l	6874700	4	13.340	2745110	50.0