

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022554.D
 Acq On : 04 Jun 2025 16:34
 Operator : SY/MD
 Sample : Q2177-02
 Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-187-SB01

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\82Y060225S.M

Title : SW846 8260

Signal : TIC: VY022554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	51	58	61	rBV5	11140	24531	1.57%	0.211%
2	4.610	464	474	488	rVB3	14744	44240	2.84%	0.380%
3	7.634	959	970	975	rBV	206595	498552	31.98%	4.285%
4	7.707	975	982	997	rVB	340662	801743	51.43%	6.891%
5	8.061	1031	1040	1052	rBV	212029	455536	29.22%	3.915%
6	8.609	1121	1130	1140	rBV	580880	1130879	72.55%	9.720%
7	10.103	1364	1375	1383	rBV	934383	1558851	100.00%	13.398%
8	11.206	1546	1556	1567	rVB4	20396	52024	3.34%	0.447%
9	11.304	1567	1572	1577	rBV2	15091	23227	1.49%	0.200%
10	11.414	1582	1590	1599	rBV	802989	1273247	81.68%	10.943%
11	11.597	1615	1620	1623	rVV2	16736	30137	1.93%	0.259%
12	11.633	1623	1626	1634	rVV2	66387	137883	8.85%	1.185%
13	11.700	1634	1637	1643	rVB3	11495	19584	1.26%	0.168%
14	11.859	1658	1663	1667	rVB2	14577	24107	1.55%	0.207%
15	11.932	1667	1675	1681	rBV4	40994	106263	6.82%	0.913%
16	12.048	1690	1694	1697	rVV	34356	47408	3.04%	0.407%
17	12.121	1697	1706	1709	rVV6	19439	44909	2.88%	0.386%
18	12.170	1709	1714	1718	rVV3	40281	77228	4.95%	0.664%
19	12.243	1722	1726	1729	rVV4	11936	18431	1.18%	0.158%
20	12.334	1729	1741	1743	rVV4	51577	144724	9.28%	1.244%
21	12.359	1743	1745	1748	rVV	53733	83205	5.34%	0.715%
22	12.401	1748	1752	1757	rVV	552978	849260	54.48%	7.299%
23	12.444	1757	1759	1763	rVV3	54923	69546	4.46%	0.598%
24	12.560	1776	1778	1785	rVB4	20163	35171	2.26%	0.302%
25	12.645	1785	1792	1796	rBV4	19797	39997	2.57%	0.344%
26	12.724	1796	1805	1811	rVV2	177738	298837	19.17%	2.568%
27	12.779	1811	1814	1819	rVB2	31705	47907	3.07%	0.412%
28	12.834	1819	1823	1825	rBV4	11662	16660	1.07%	0.143%
29	12.871	1825	1829	1832	rVV3	25597	40010	2.57%	0.344%
30	12.926	1832	1838	1840	rVV5	31415	62610	4.02%	0.538%
31	12.956	1840	1843	1850	rVV2	55717	94055	6.03%	0.808%
32	13.023	1850	1854	1860	rVB4	17368	29632	1.90%	0.255%
33	13.090	1860	1865	1870	rBV2	24635	46354	2.97%	0.398%
34	13.237	1880	1889	1893	rBV3	48915	113643	7.29%	0.977%
35	13.279	1893	1896	1899	rVV2	43580	65175	4.18%	0.560%
36	13.340	1899	1906	1913	rVV	659055	1039417	66.68%	8.934%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	13.419	1915	1919	1926	rVB4	32135	46963	3.01%	0.404%
38	13.669	1954	1960	1964	rVV3	109043	172783	11.08%	1.485%
39	13.712	1964	1967	1971	rVV3	19330	28787	1.85%	0.247%
40	13.773	1971	1977	1982	rVB5	18984	33753	2.17%	0.290%
41	13.834	1982	1987	1989	rBV3	21933	38865	2.49%	0.334%
42	13.883	1990	1995	2000	rVB2	62906	102498	6.58%	0.881%
43	13.932	2000	2003	2009	rVB3	23841	34981	2.24%	0.301%
44	13.993	2009	2013	2017	rBV3	11949	20100	1.29%	0.173%
45	14.060	2017	2024	2029	rBV7	23448	51061	3.28%	0.439%
46	14.114	2029	2033	2036	rBV5	18100	26573	1.70%	0.228%
47	14.169	2036	2042	2049	rBV7	62400	168087	10.78%	1.445%
48	14.230	2049	2052	2059	rBV5	19264	28086	1.80%	0.241%
49	14.297	2059	2063	2066	rBV4	29262	39486	2.53%	0.339%
50	14.334	2066	2069	2073	rVB3	31688	41695	2.67%	0.358%
51	14.389	2073	2078	2084	rVB6	26367	54926	3.52%	0.472%
52	14.462	2086	2090	2093	rBV6	11209	19240	1.23%	0.165%
53	14.529	2096	2101	2107	rBV2	110184	167222	10.73%	1.437%
54	14.596	2107	2112	2115	rBV3	46165	68573	4.40%	0.589%
55	14.645	2115	2120	2127	rVB2	92167	147770	9.48%	1.270%
56	14.718	2127	2132	2135	rBV5	30858	55734	3.58%	0.479%
57	14.761	2135	2139	2142	rBV5	30310	48718	3.13%	0.419%
58	14.852	2151	2154	2158	rVB6	30620	45754	2.94%	0.393%
59	14.950	2158	2170	2174	rBV9	35666	122046	7.83%	1.049%
60	14.998	2175	2178	2182	rVV5	33250	65105	4.18%	0.560%
61	15.053	2182	2187	2192	rVV3	58248	113337	7.27%	0.974%
62	15.114	2192	2197	2203	rVV2	105952	175391	11.25%	1.507%
63	15.187	2203	2209	2214	rVB8	25654	64366	4.13%	0.553%
64	15.340	2230	2234	2241	rBV3	47937	86273	5.53%	0.741%
65	15.450	2249	2252	2255	rVB3	24812	28555	1.83%	0.245%
66	15.919	2325	2329	2334	rVB2	21239	34219	2.20%	0.294%
67	16.041	2345	2349	2357	rVB2	30379	59074	3.79%	0.508%

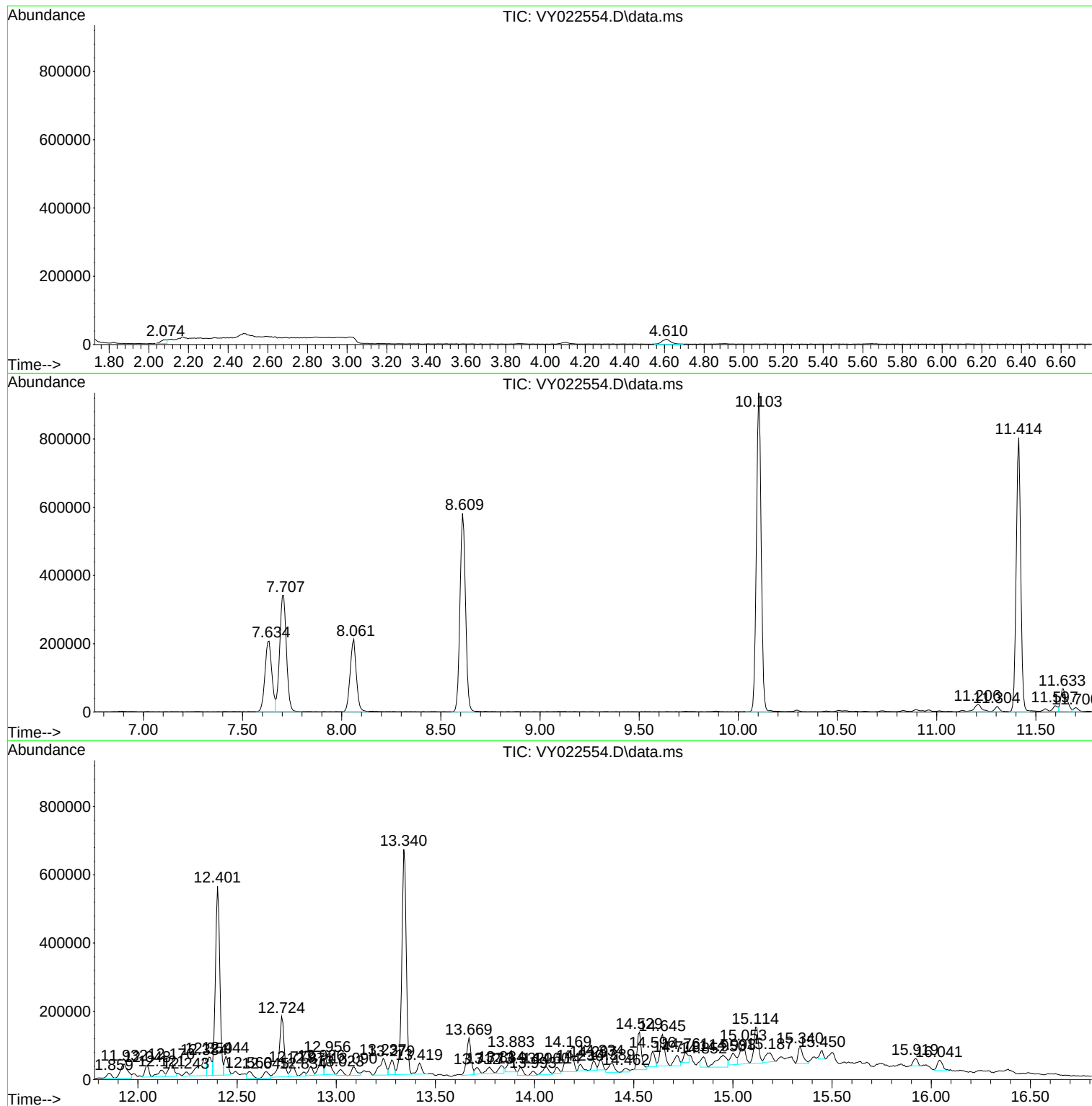
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Instrument :
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ClientSampleId :
B-187-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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



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MSVOA_Y
ClientSampleId :
B-187-SB01

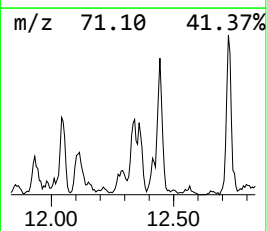
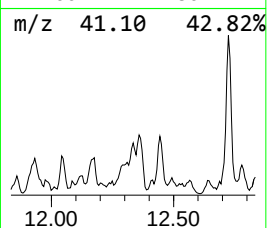
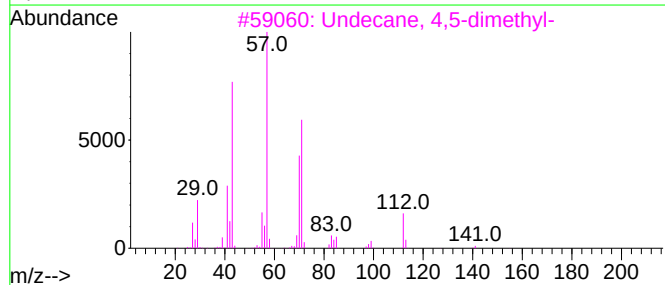
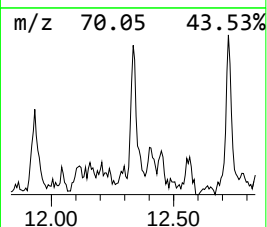
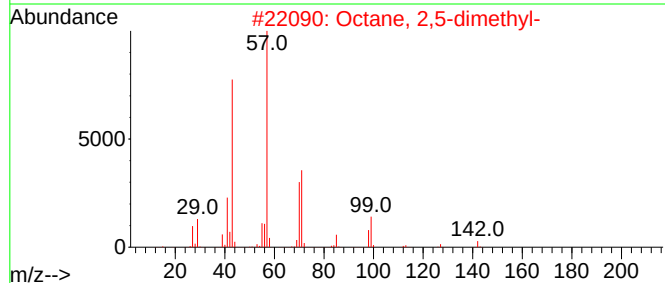
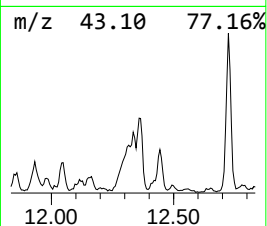
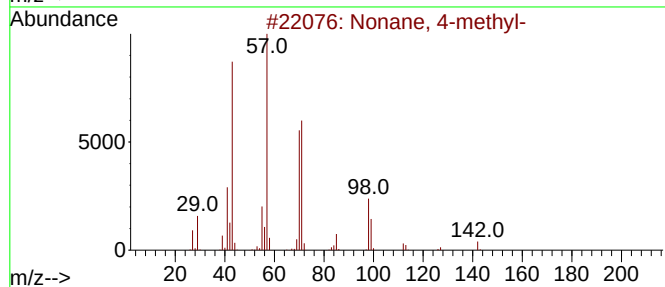
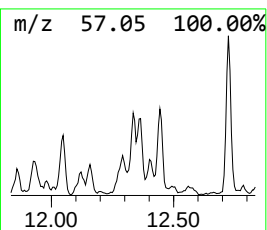
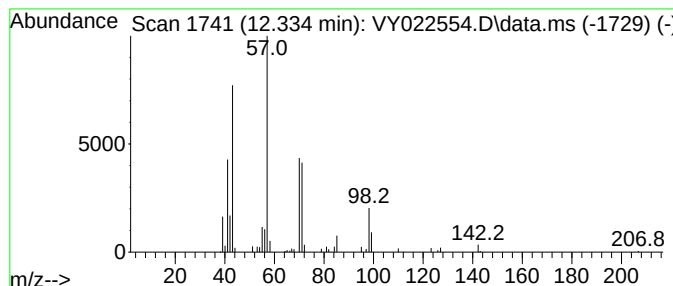
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.334	5.68 ug/l	144724	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	74
3			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	50



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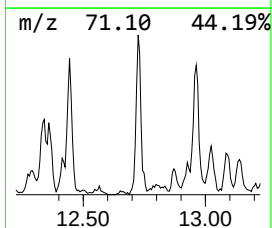
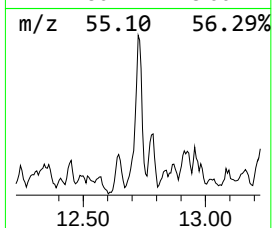
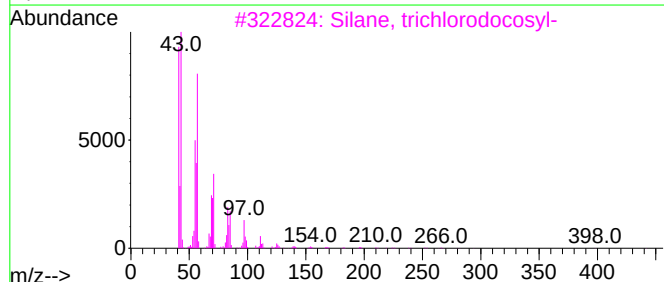
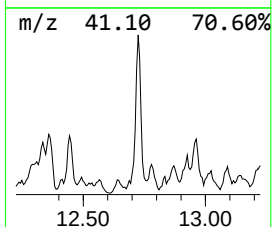
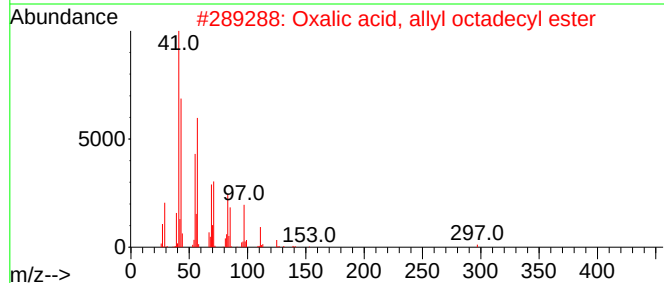
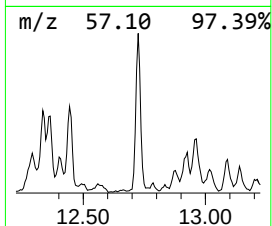
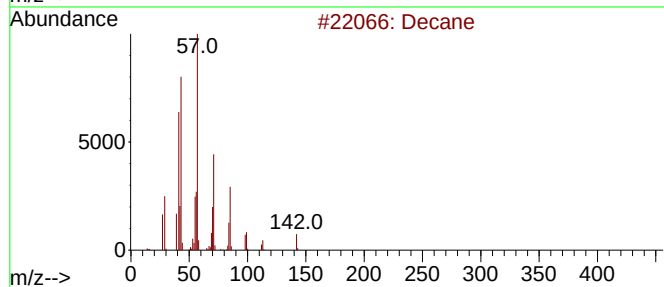
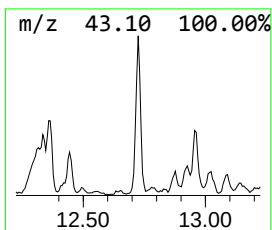
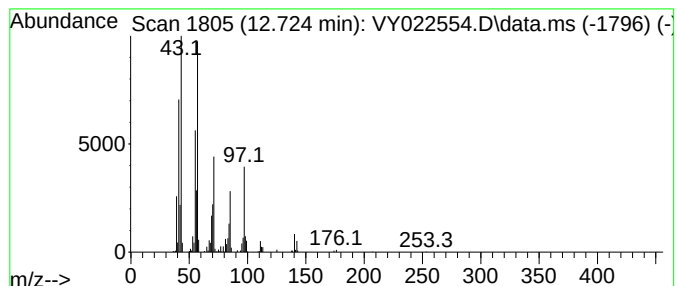
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 2 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	14.38 ug/l	298837	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	89
2			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	59
3			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
4			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
5			Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	35



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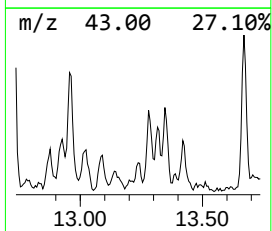
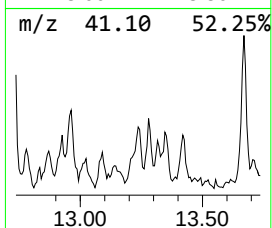
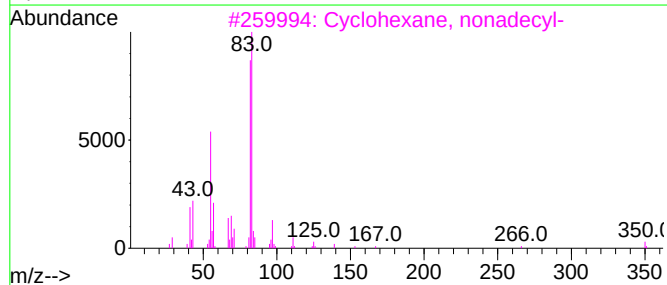
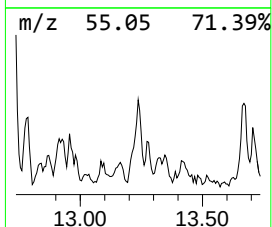
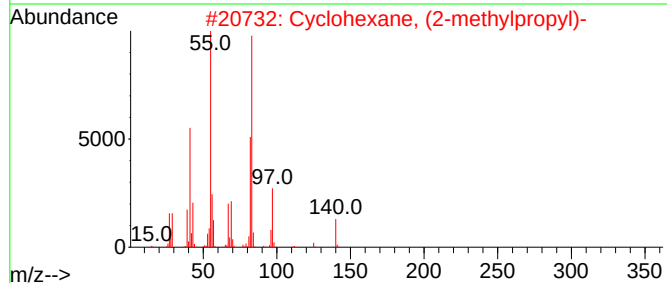
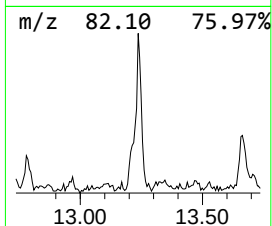
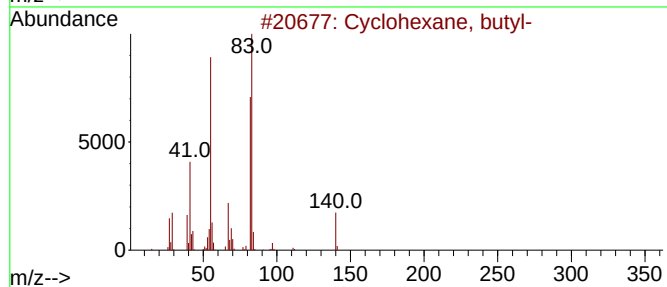
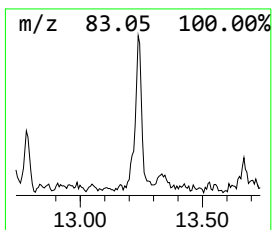
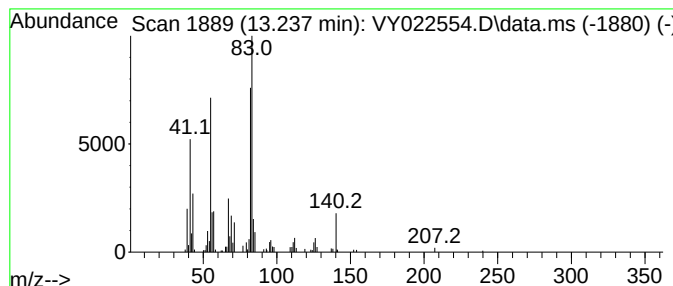
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.237	5.47 ug/l	113643	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	80
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72



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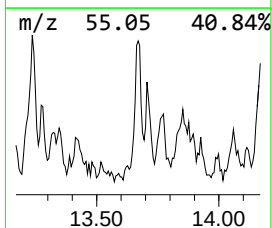
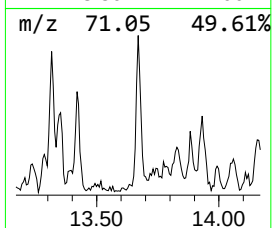
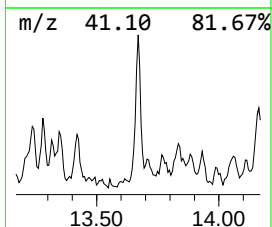
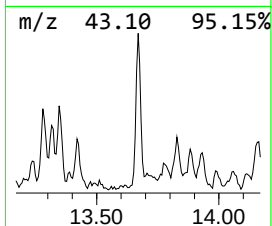
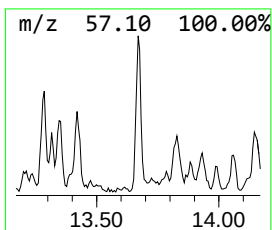
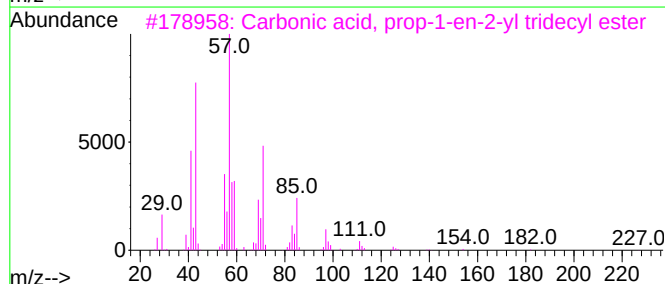
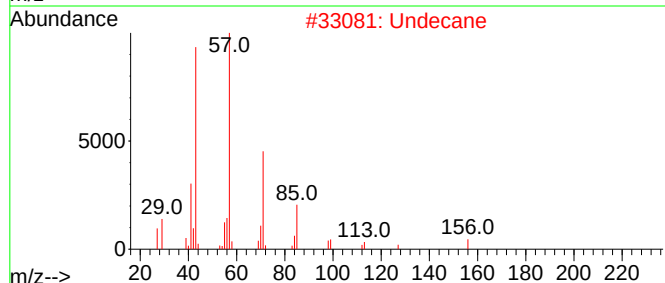
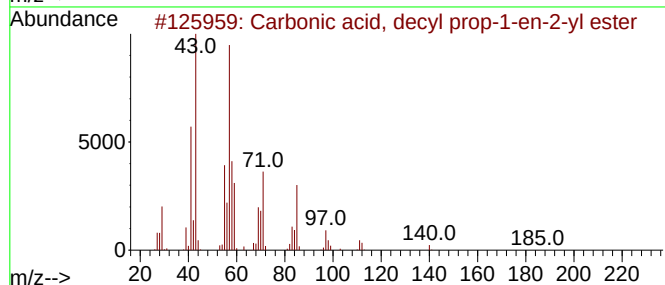
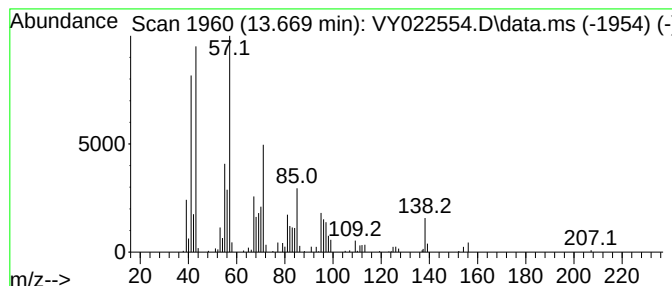
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 4 Carbonic acid, decyl prop-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	8.31 ug/l	172783	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	58
2			Undecane	156	C11H24	001120-21-4	55
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	52
4			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	52
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52



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Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

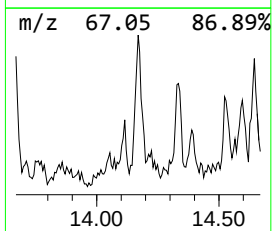
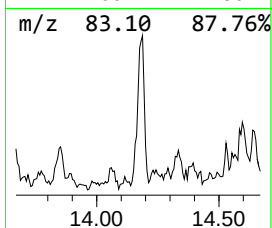
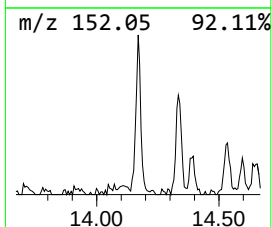
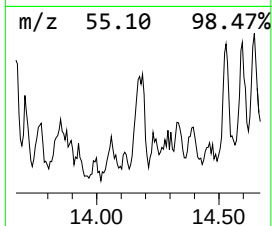
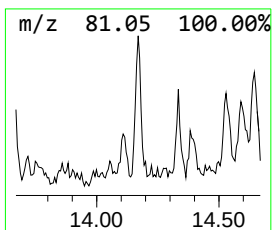
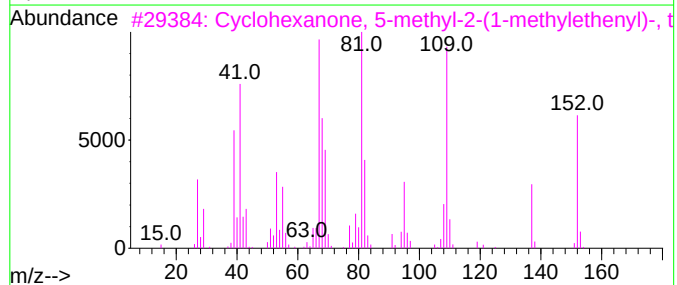
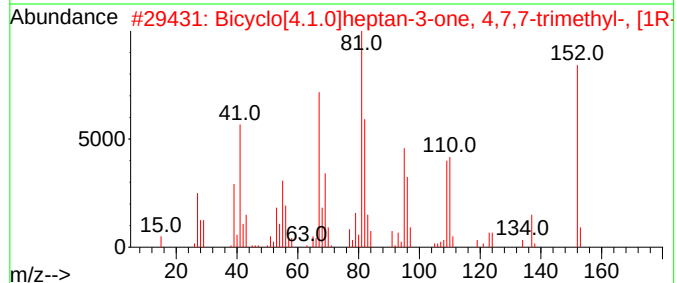
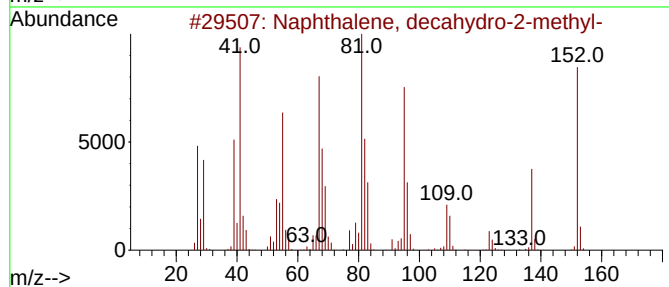
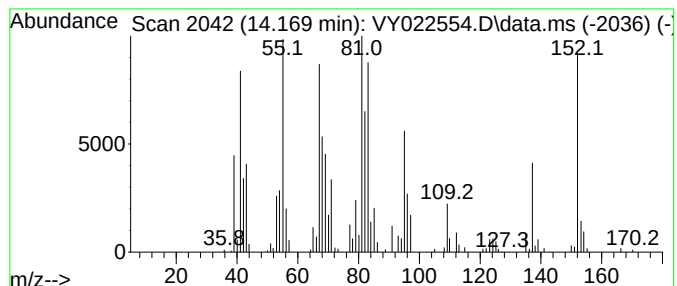
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	8.09 ug/l	168087	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	83
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	60
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	58
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

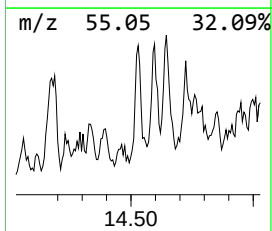
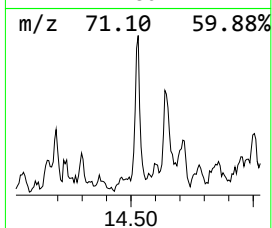
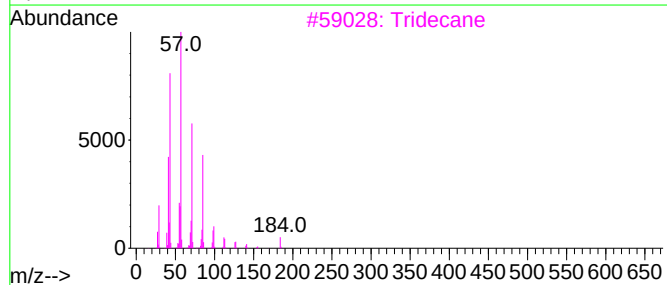
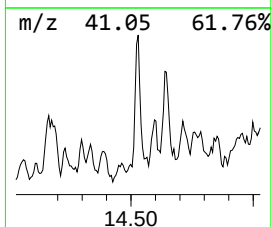
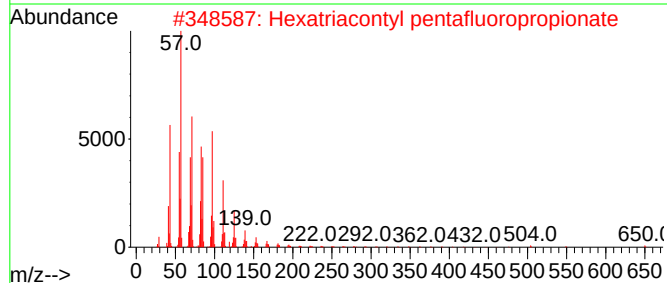
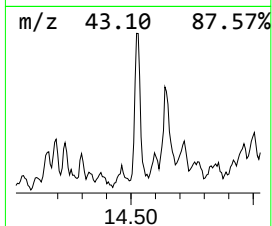
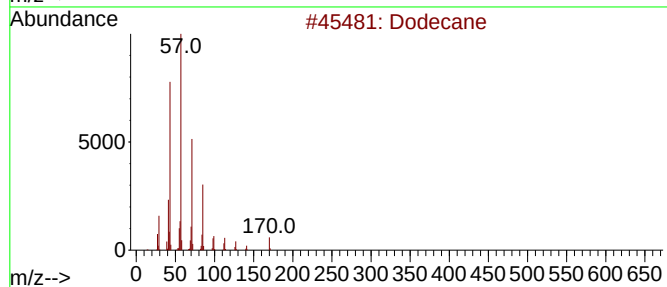
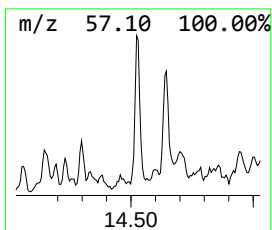
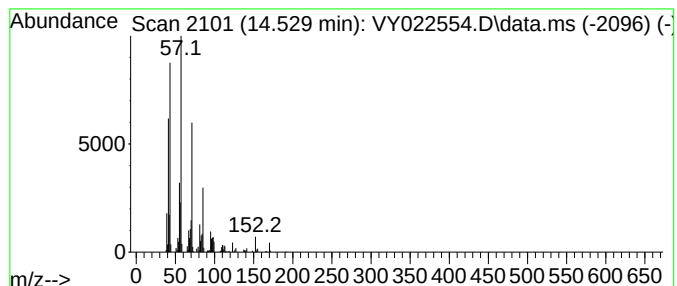
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	8.04 ug/l	167222	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	76
2			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	64
3			Tridecane	184	C13H28	000629-50-5	59
4			Hexadecane	226	C16H34	000544-76-3	58
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

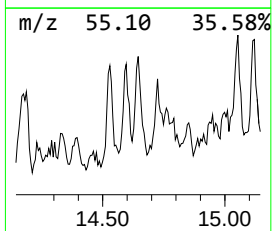
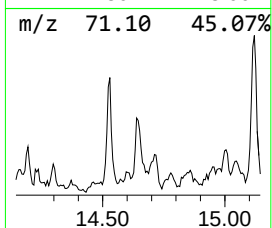
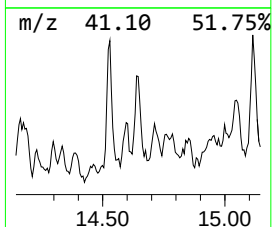
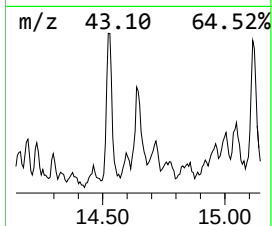
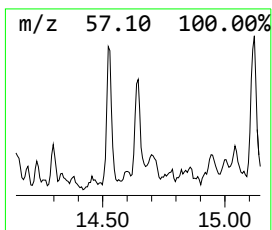
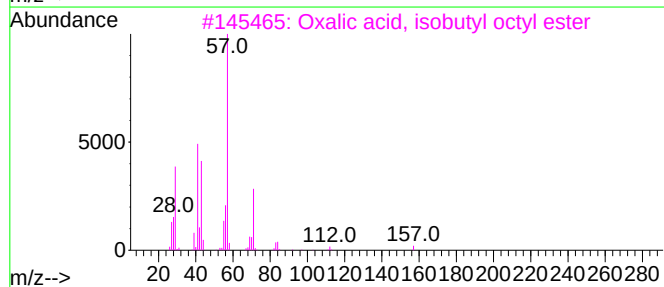
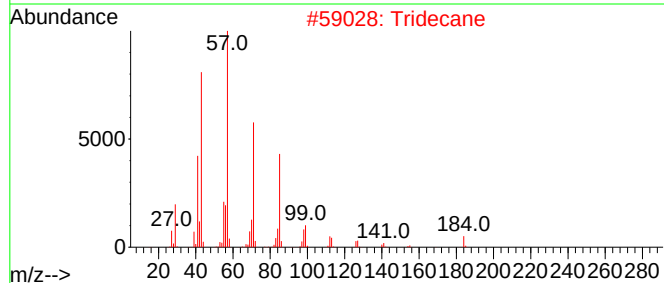
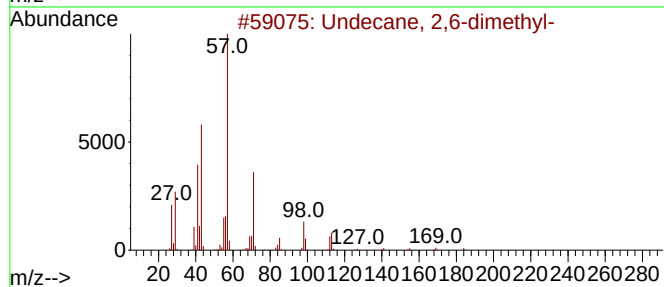
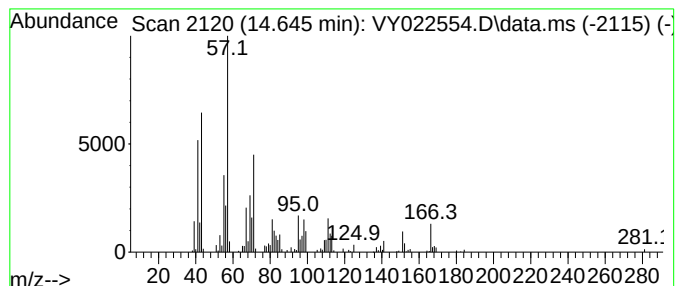
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	7.11 ug/l	147770	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2			Tridecane	184	C13H28	000629-50-5	47
3			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	38
4			Heptadecane	240	C17H36	000629-78-7	38
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

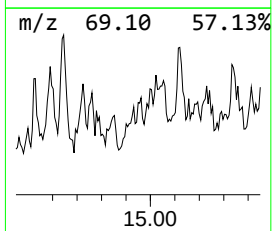
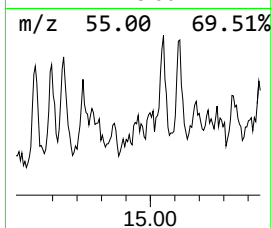
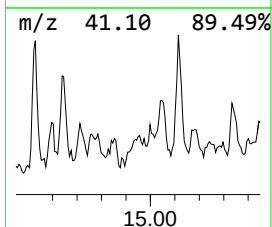
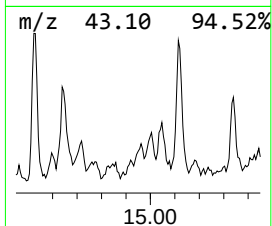
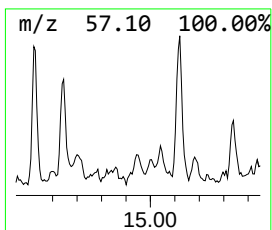
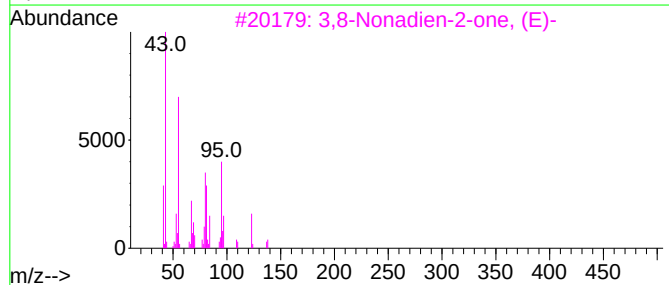
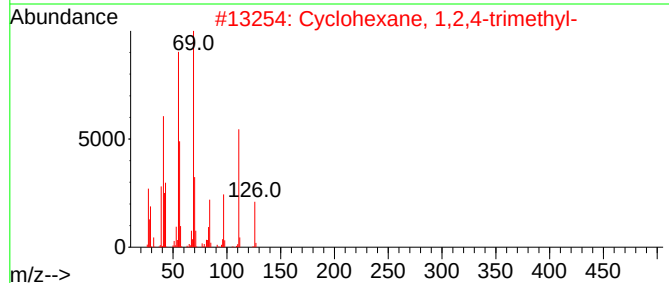
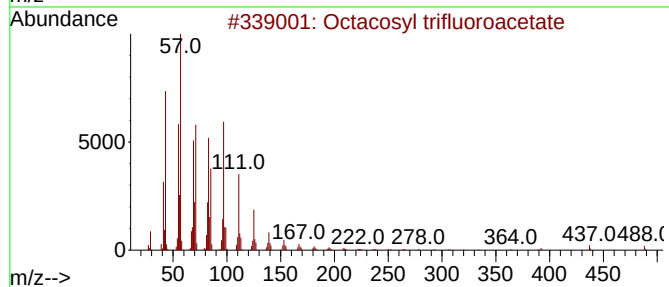
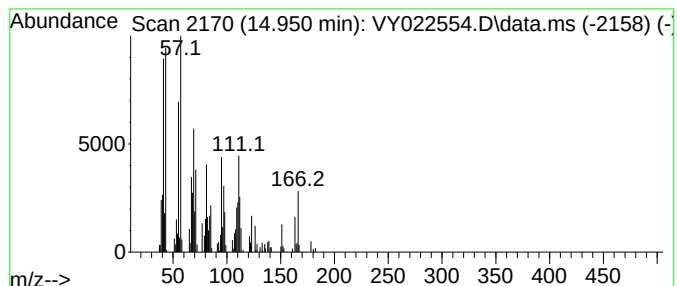
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.950 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	5.87 ug/l	122046	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	27
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
3			3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	25
4			1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	18
5			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

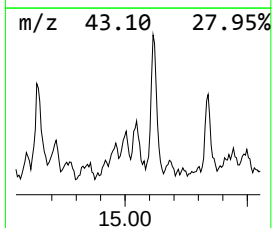
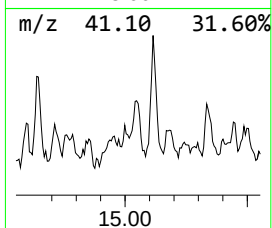
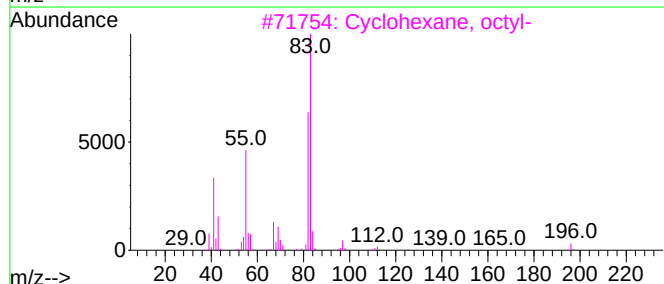
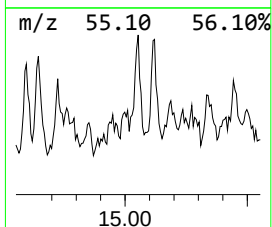
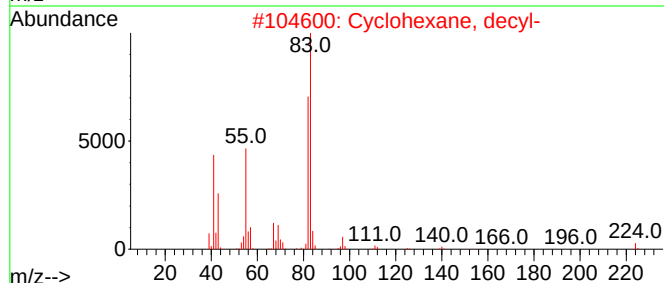
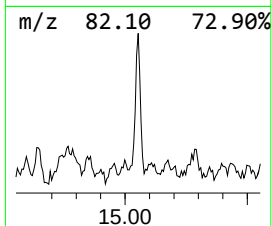
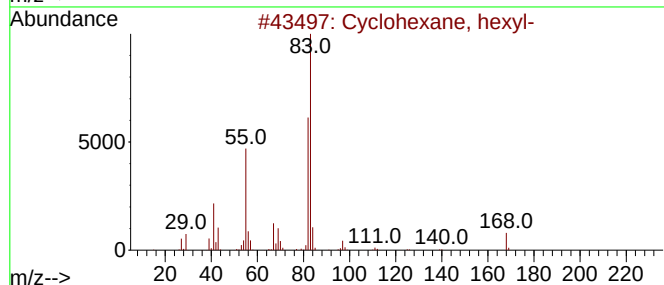
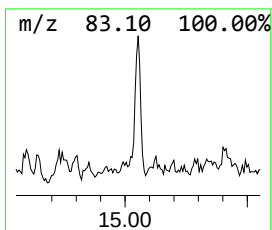
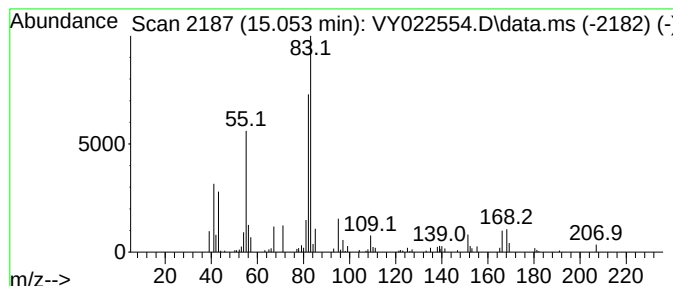
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	5.45 ug/l	113337	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2			Cyclohexane, decyl-	224	C16H32	001795-16-0	50
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4			Acetamide, n-propyl-2-(4H-[1,2,4...	168	C7H12N4O	1000302-15-8	47
5			2H-Quinolizine-1-methanol, octah...	169	C10H19NO	000486-70-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

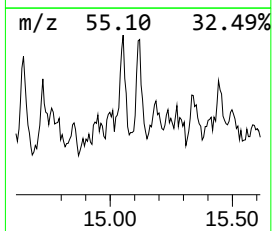
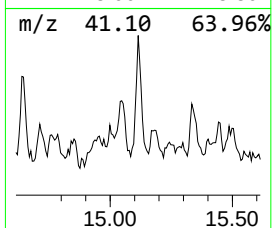
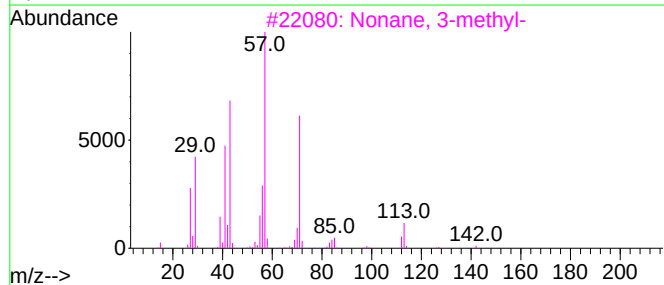
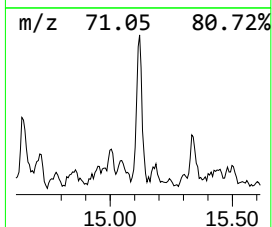
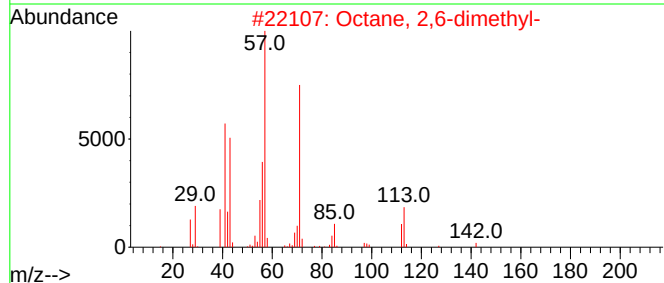
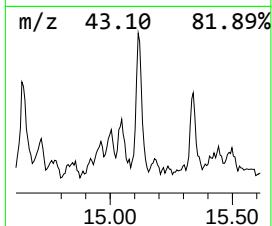
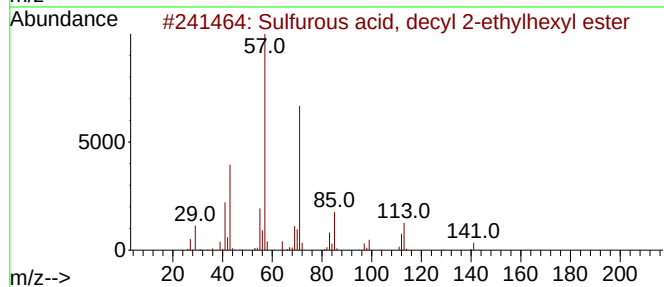
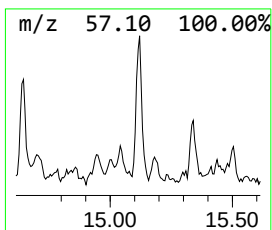
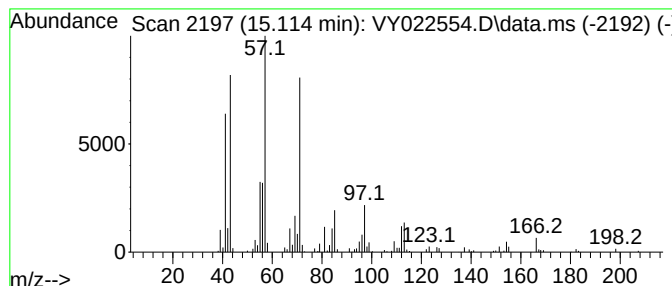
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Quant Title : SW846 8260

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

Peak Number 10 Sulfurous acid, decyl 2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.114	8.44 ug/l	175391	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4			3-Bromooctane	192	C8H17Br	000999-64-4	49
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022554.D
Acq On : 04 Jun 2025 16:34
Operator : SY/MD
Sample : Q2177-02
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-187-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.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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Decane	12.725	14.4	ug/l	298837	4	13.346	1039420	50.0
Cyclohexane, bu...	13.237	5.5	ug/l	113643	4	13.346	1039420	50.0
Carbonic acid, ...	13.669	8.3	ug/l	172783	4	13.346	1039420	50.0
Naphthalene, de...	14.169	8.1	ug/l	168087	4	13.346	1039420	50.0
Dodecane	14.529	8.0	ug/l	167222	4	13.346	1039420	50.0
Undecane, 2,6-d...	14.645	7.1	ug/l	147770	4	13.346	1039420	50.0
unknown14.950	14.950	5.9	ug/l	122046	4	13.346	1039420	50.0
Cyclohexane, he...	15.053	5.5	ug/l	113337	4	13.346	1039420	50.0
Sulfurous acid,...	15.114	8.4	ug/l	175391	4	13.346	1039420	50.0