

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022631.D
 Acq On : 09 Jun 2025 15:33
 Operator : SY/MD
 Sample : Q2266-03
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

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: VY022631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.495	120	127	135	rBV3	10697	36602	2.17%	0.302%
2	4.616	465	475	485	rBV3	8402	25662	1.52%	0.212%
3	7.634	961	970	976	rBV	215695	515897	30.54%	4.258%
4	7.713	976	983	999	rVB	358622	835011	49.43%	6.892%
5	8.061	1031	1040	1053	rBV	192311	439981	26.05%	3.632%
6	8.616	1122	1131	1144	rBV	638879	1214377	71.89%	10.024%
7	10.109	1365	1376	1386	rBV	1005496	1689217	100.00%	13.943%
8	11.213	1548	1557	1567	rVB5	23761	58981	3.49%	0.487%
9	11.310	1567	1573	1580	rVB2	18308	29276	1.73%	0.242%
10	11.414	1583	1590	1598	rBV	843340	1363956	80.74%	11.258%
11	11.603	1616	1621	1623	rVV2	20857	33957	2.01%	0.280%
12	11.639	1623	1627	1635	rVV3	109239	203514	12.05%	1.680%
13	11.707	1635	1638	1643	rVB3	14461	20278	1.20%	0.167%
14	11.859	1659	1663	1668	rVB3	11519	17795	1.05%	0.147%
15	11.932	1668	1675	1682	rBV6	41372	113541	6.72%	0.937%
16	12.048	1690	1694	1698	rBV	25768	33493	1.98%	0.276%
17	12.176	1710	1715	1719	rBV3	40071	69598	4.12%	0.574%
18	12.341	1739	1742	1744	rBV2	23485	31488	1.86%	0.260%
19	12.365	1744	1746	1748	rVV	35881	39303	2.33%	0.324%
20	12.408	1748	1753	1758	rVV	572422	869305	51.46%	7.175%
21	12.450	1758	1760	1764	rVB	50485	53270	3.15%	0.440%
22	12.566	1776	1779	1786	rVB5	22375	41248	2.44%	0.340%
23	12.651	1786	1793	1796	rBV4	20691	39008	2.31%	0.322%
24	12.731	1796	1806	1811	rVV2	294592	466149	27.60%	3.848%
25	12.786	1811	1815	1820	rVV2	33412	53840	3.19%	0.444%
26	12.840	1820	1824	1826	rVV4	13388	21227	1.26%	0.175%
27	12.871	1826	1829	1833	rVV5	22669	35746	2.12%	0.295%
28	12.932	1833	1839	1841	rVV5	25601	54746	3.24%	0.452%
29	12.962	1841	1844	1851	rVB3	43185	73654	4.36%	0.608%
30	13.029	1851	1855	1861	rVB7	10334	17082	1.01%	0.141%
31	13.090	1861	1865	1871	rBV6	17370	33919	2.01%	0.280%
32	13.243	1881	1890	1893	rVV4	44949	101793	6.03%	0.840%
33	13.285	1893	1897	1900	rVV3	34471	54249	3.21%	0.448%
34	13.346	1900	1907	1913	rVV	732423	1108524	65.62%	9.150%
35	13.426	1916	1920	1924	rVB	29672	40517	2.40%	0.334%
36	13.676	1954	1961	1965	rBV2	181894	281430	16.66%	2.323%

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37	13.712	1965	1967	1971	rVV3	14664	18557	1.10%	0.153%
38	13.773	1972	1977	1982	rVV6	13899	27984	1.66%	0.231%
39	13.834	1983	1987	1990	rVV3	13744	26090	1.54%	0.215%
40	13.889	1992	1996	2000	rVV2	21635	36293	2.15%	0.300%
41	13.932	2000	2003	2009	rVB3	14891	23857	1.41%	0.197%
42	14.060	2018	2024	2028	rBV7	12067	27689	1.64%	0.229%
43	14.115	2028	2033	2036	rBV5	20760	29147	1.73%	0.241%
44	14.169	2036	2042	2050	rVV7	43719	133332	7.89%	1.101%
45	14.230	2050	2052	2058	rVB2	26662	35131	2.08%	0.290%
46	14.304	2060	2064	2067	rBV3	26230	38674	2.29%	0.319%
47	14.340	2067	2070	2074	rVB4	24324	31602	1.87%	0.261%
48	14.395	2074	2079	2085	rVB6	18688	37404	2.21%	0.309%
49	14.529	2096	2101	2108	rBV	193544	268665	15.90%	2.218%
50	14.602	2108	2113	2116	rBV5	26645	45922	2.72%	0.379%
51	14.645	2116	2120	2127	rVV3	69259	112415	6.65%	0.928%
52	14.718	2128	2132	2136	rVV6	15691	28721	1.70%	0.237%
53	14.767	2136	2140	2148	rVV10	25894	70306	4.16%	0.580%
54	14.852	2152	2154	2159	rVB4	19854	26193	1.55%	0.216%
55	14.956	2160	2171	2176	rBV6	38189	111766	6.62%	0.923%
56	15.011	2176	2180	2182	rVV2	35984	55329	3.28%	0.457%
57	15.047	2182	2186	2193	rVV2	63223	111009	6.57%	0.916%
58	15.121	2193	2198	2203	rVV	76076	124011	7.34%	1.024%
59	15.181	2203	2208	2215	rVB9	19815	48348	2.86%	0.399%
60	15.297	2223	2227	2230	rVB	32110	45973	2.72%	0.379%
61	15.340	2230	2234	2242	rVB	181171	251803	14.91%	2.078%
62	15.444	2249	2251	2256	rVB3	17589	25894	1.53%	0.214%
63	15.505	2256	2261	2268	rVB9	22450	50560	2.99%	0.417%
64	15.925	2323	2330	2335	rVV5	19968	50311	2.98%	0.415%
65	15.974	2335	2338	2345	rVB6	14632	31573	1.87%	0.261%
66	16.047	2345	2350	2356	rVB5	13093	26442	1.57%	0.218%
67	16.248	2377	2383	2387	rBV	26485	46489	2.75%	0.384%

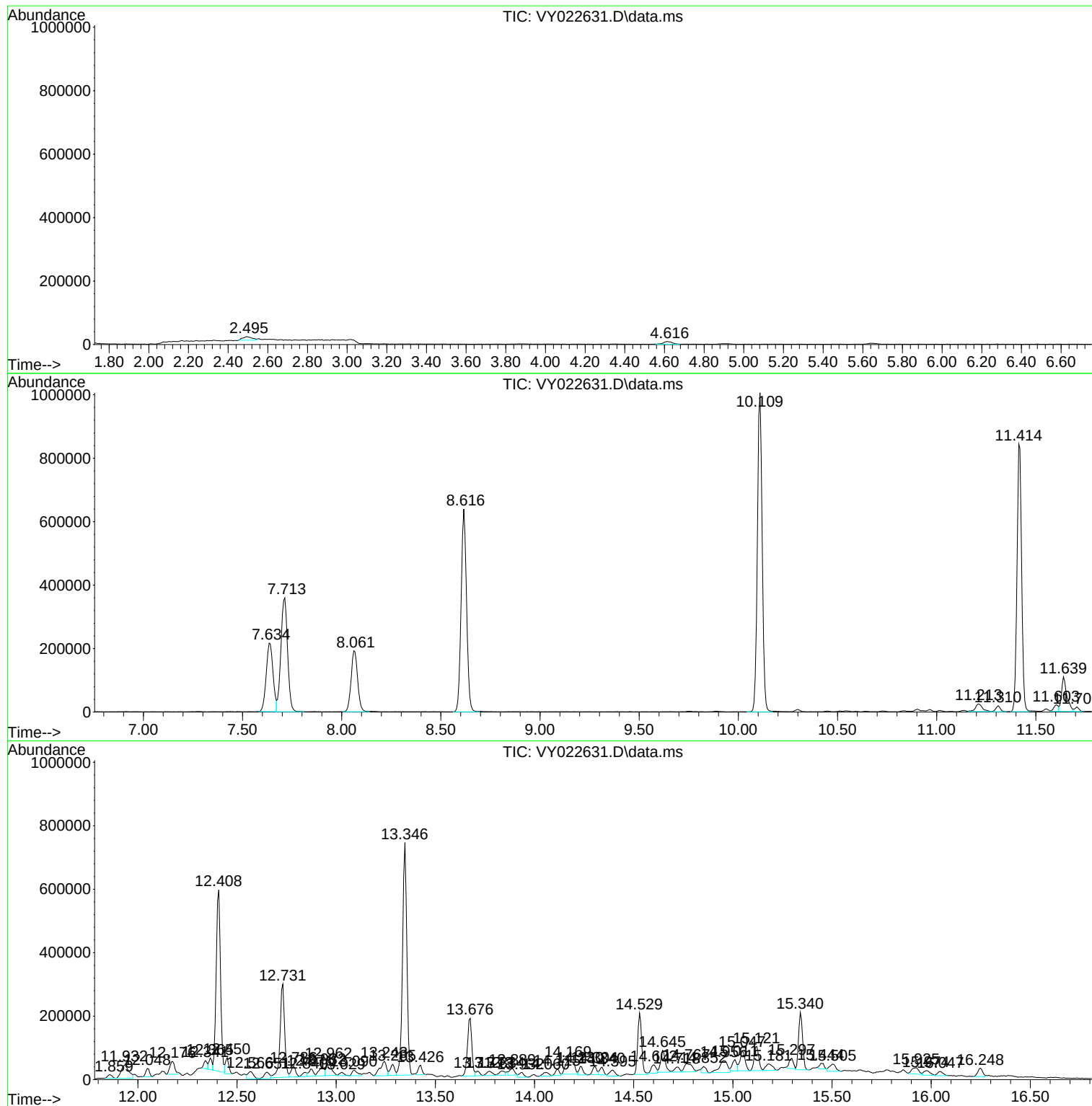
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Quant Title : SW846 8260

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



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MSVOA_Y
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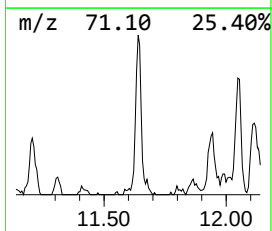
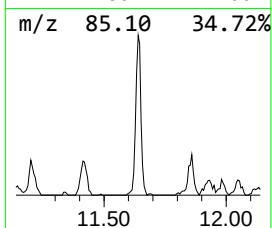
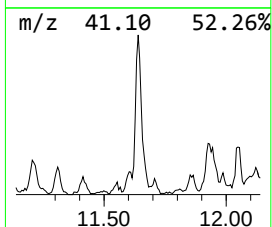
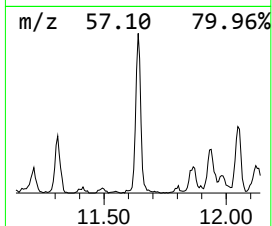
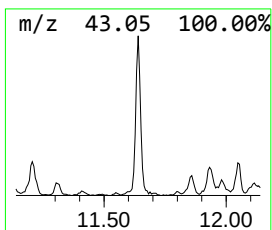
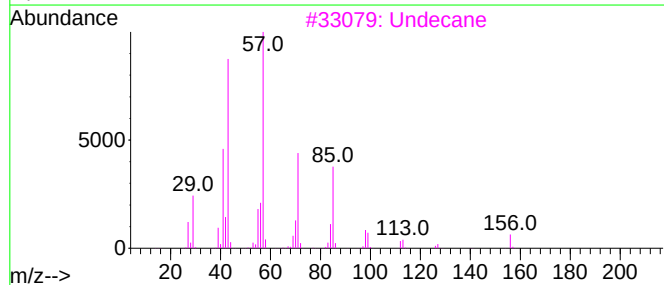
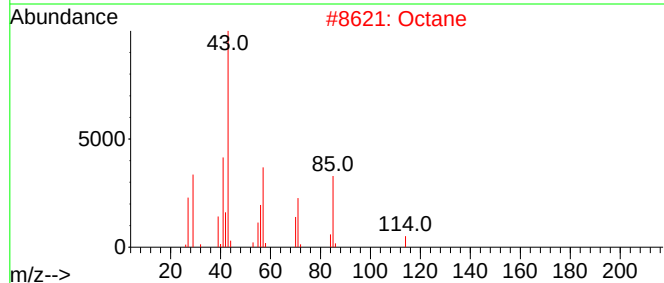
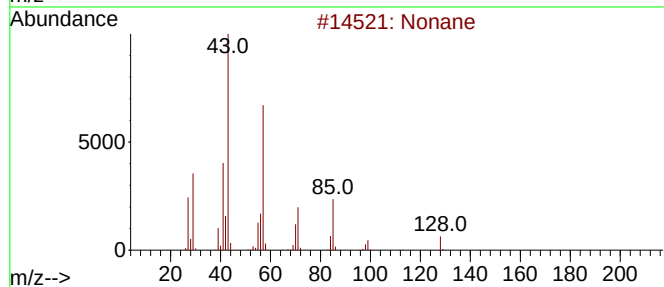
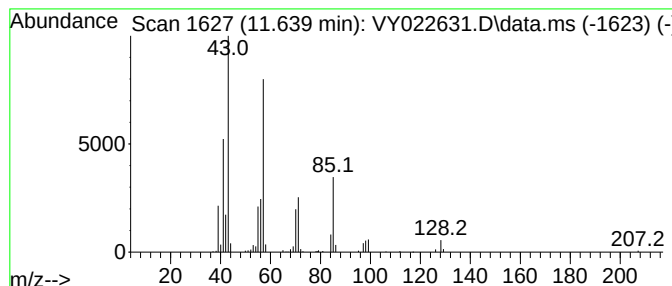
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Quant Title : SW846 8260

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

Peak Number 1 Nonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	7.46 ug/l	203514	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	94
2			Octane	114	C8H18	000111-65-9	53
3			Undecane	156	C11H24	001120-21-4	53
4			Decane	142	C10H22	000124-18-5	50
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



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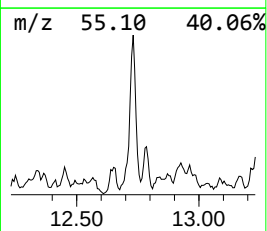
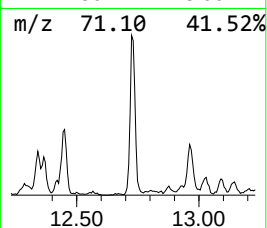
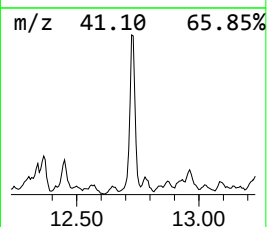
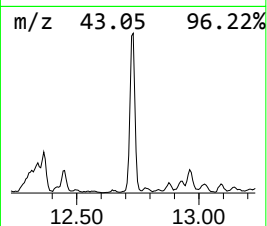
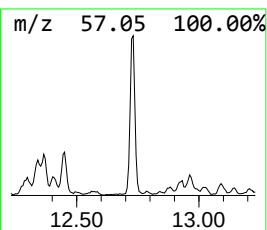
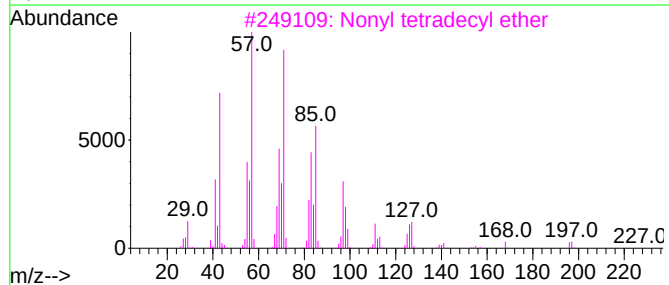
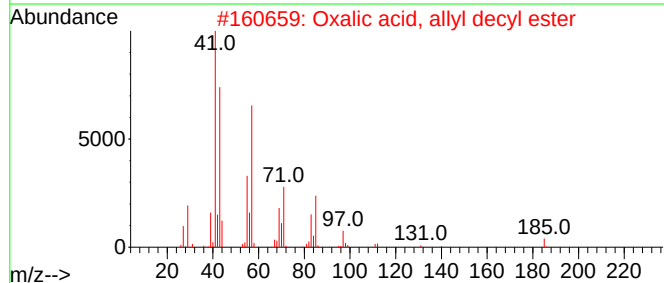
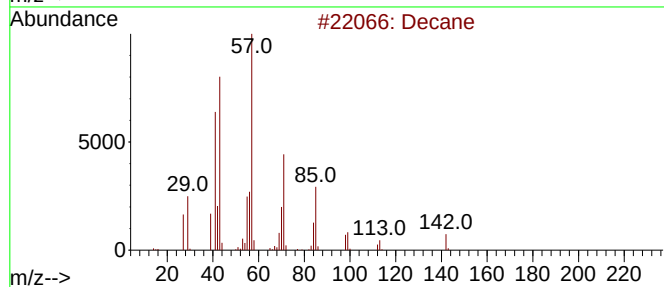
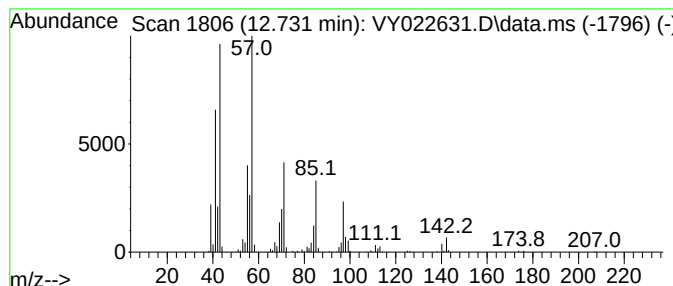
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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.
12.731	21.03 ug/l	466149	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	91
2			Oxalic acid, allyl decyl ester	270	C15H26O4	1010309-23-8	72
3			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	53
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
5			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	47



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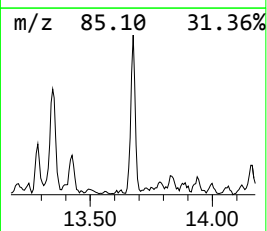
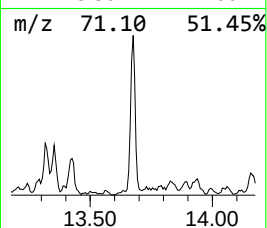
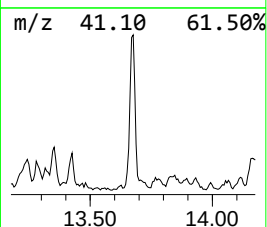
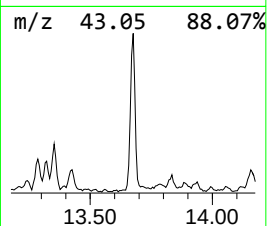
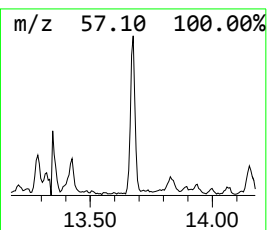
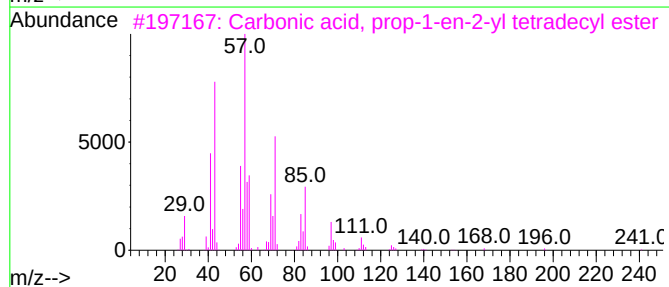
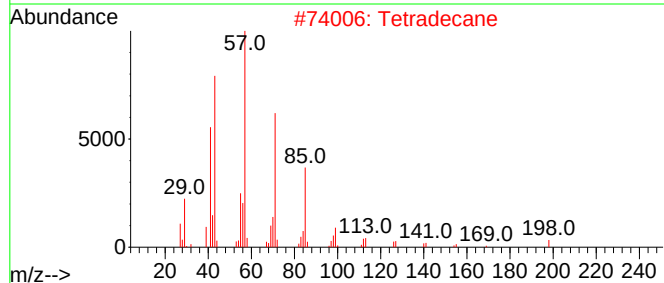
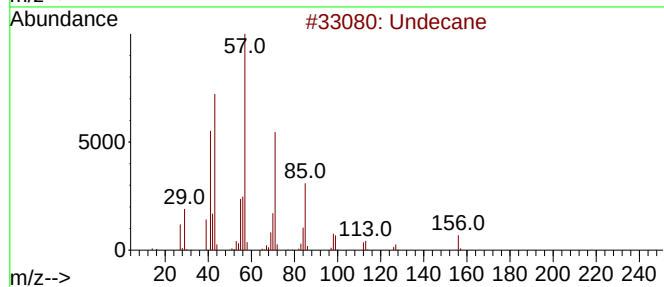
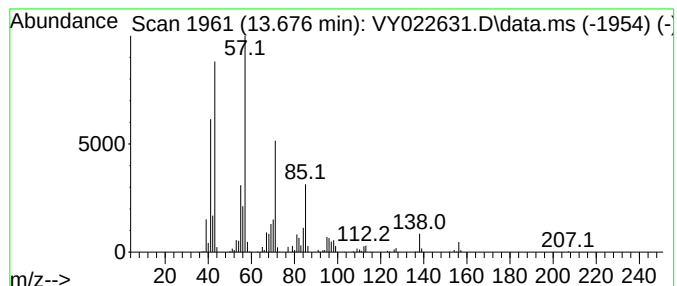
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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	12.69 ug/l	281430	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Tetradecane			198	C14H30	000629-59-4	80
3	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	80
4	Tridecane			184	C13H28	000629-50-5	72
5	Octane, 3-ethyl-2,7-dimethyl-			170	C12H26	062183-55-5	53



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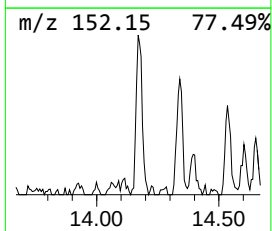
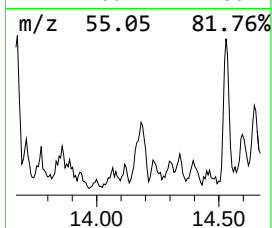
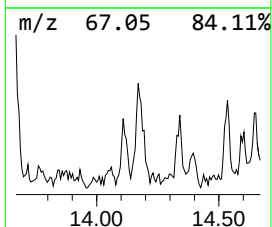
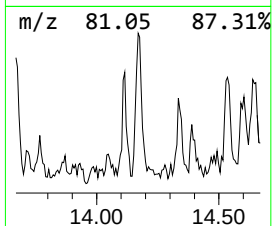
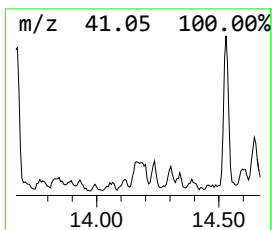
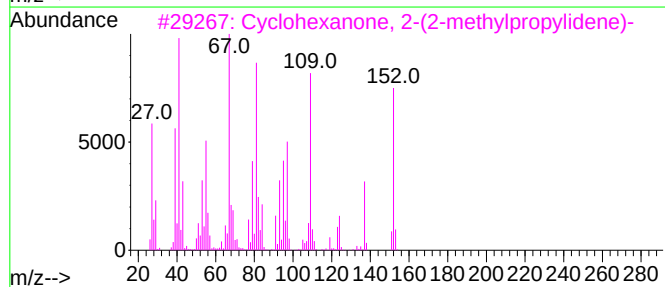
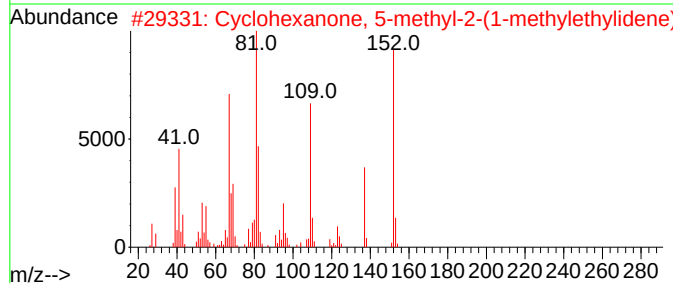
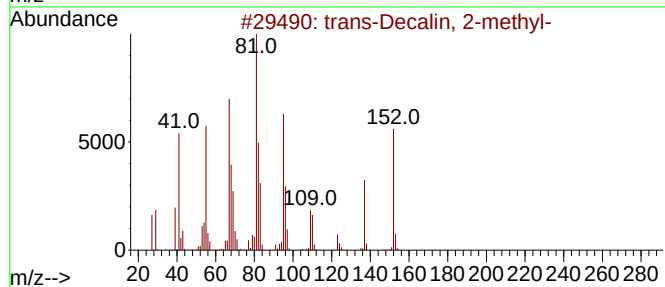
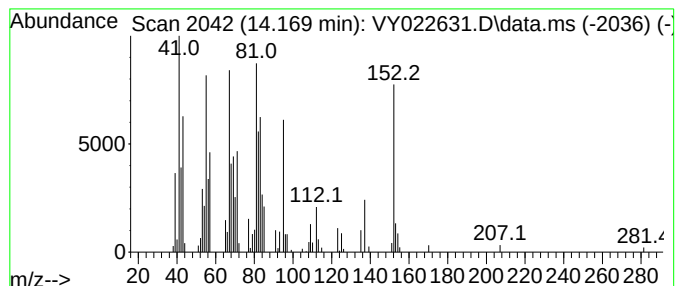
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	6.01 ug/l	133332	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
3			Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	52
4			Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	52
5			Pulegone	152	C10H16O	000089-82-7	52



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Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

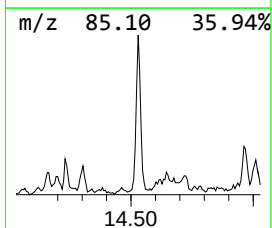
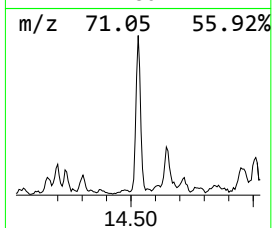
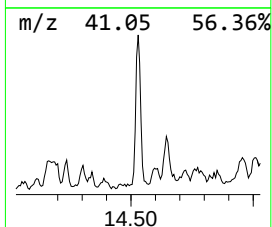
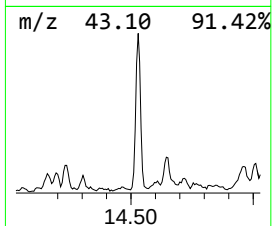
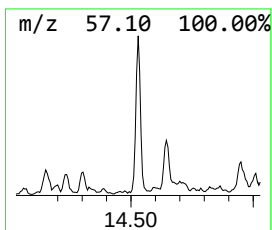
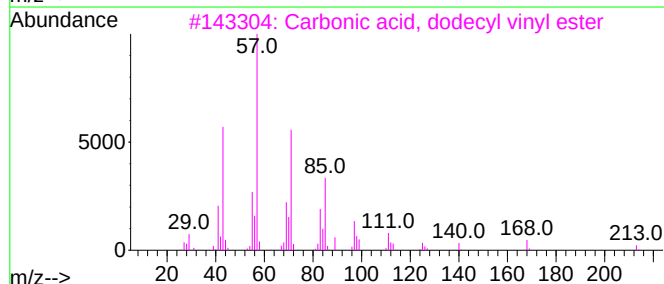
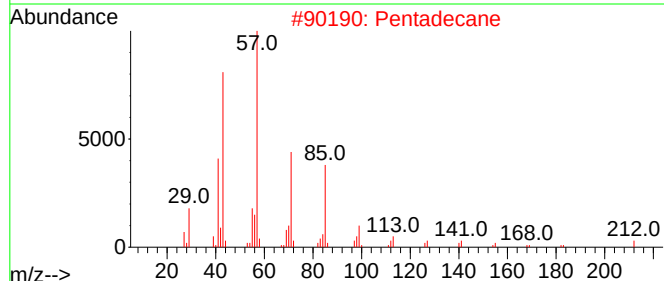
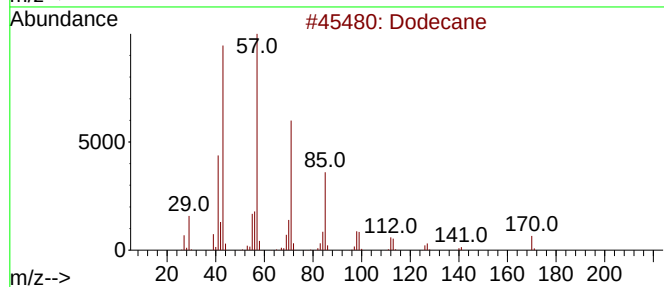
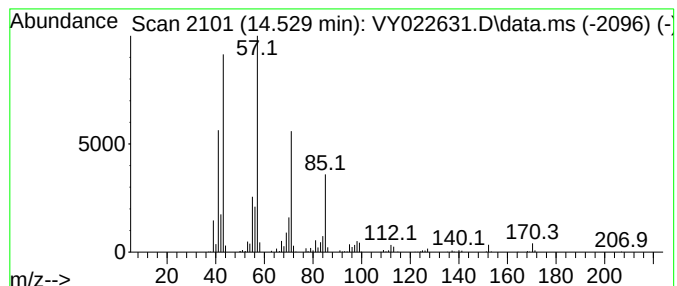
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	12.12 ug/l	268665	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Pentadecane	212	C15H32	000629-62-9	72
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	72
4			Tridecane	184	C13H28	000629-50-5	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

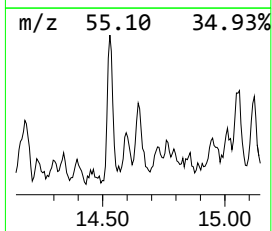
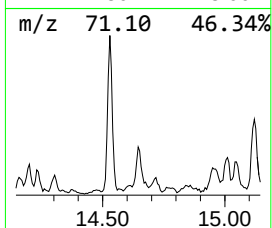
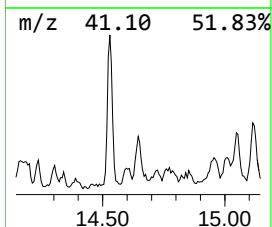
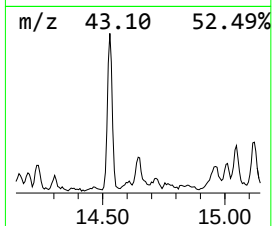
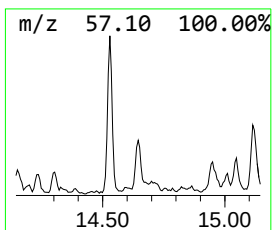
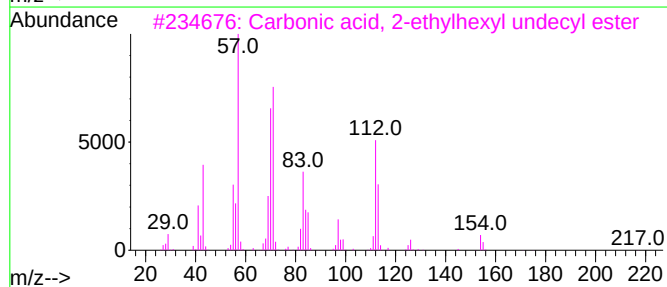
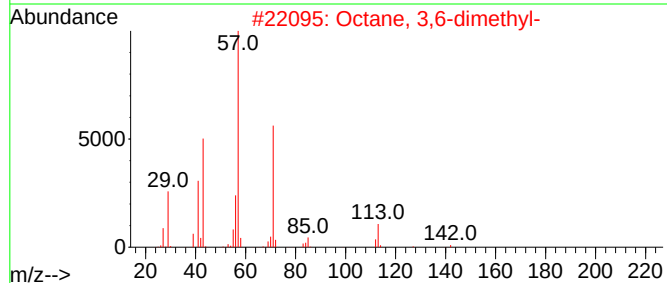
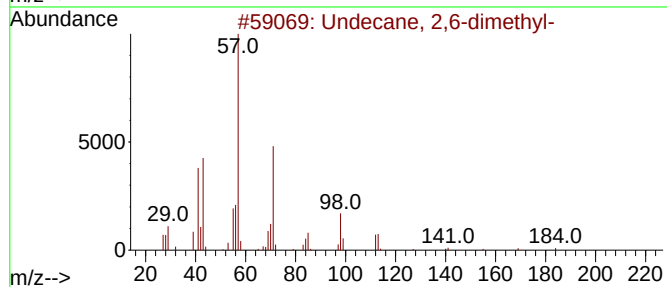
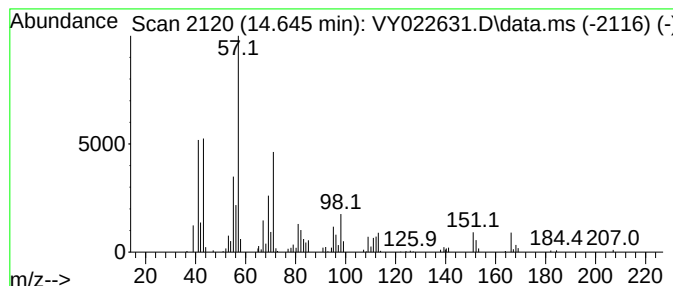
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Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	5.07 ug/l	112415	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
3			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	50
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

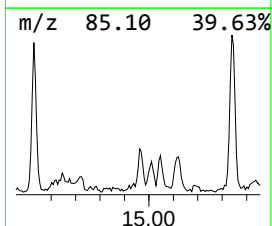
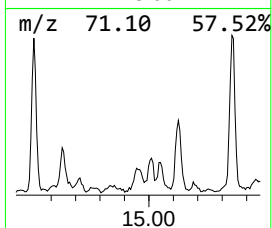
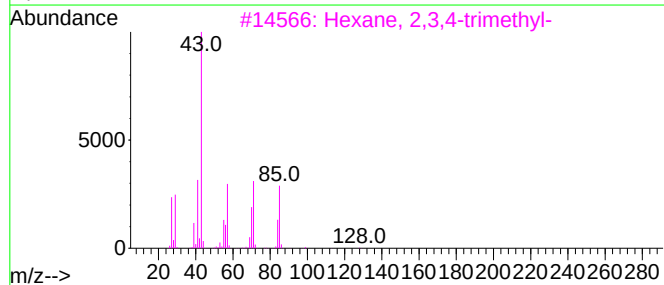
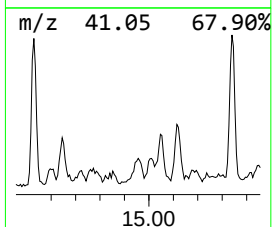
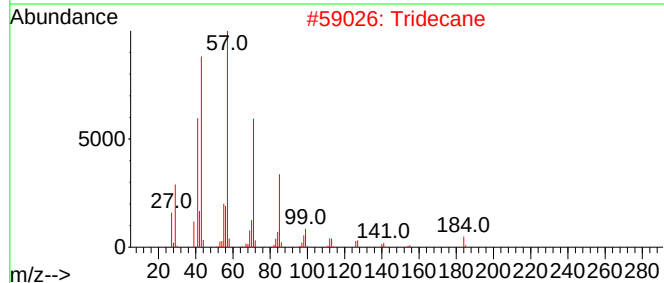
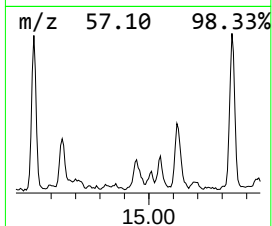
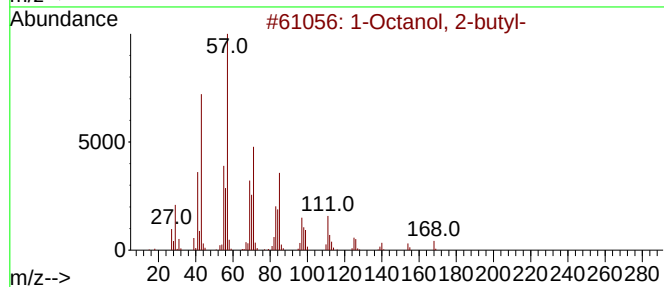
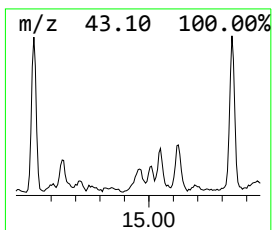
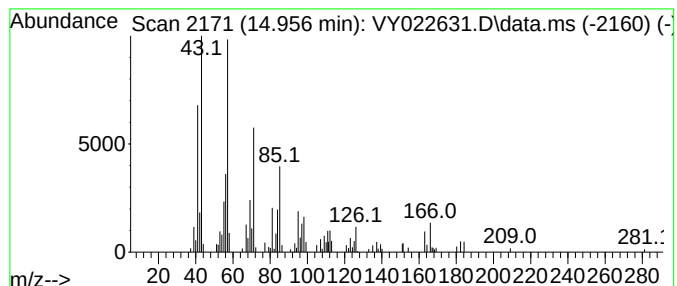
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Quant Title : SW846 8260

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

Peak Number 7 1-Octanol, 2-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	5.04 ug/l	111766	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2			Tridecane	184	C13H28	000629-50-5	53
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	47
5			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

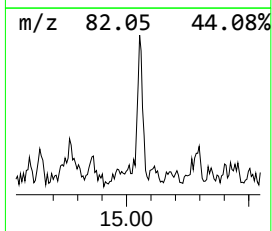
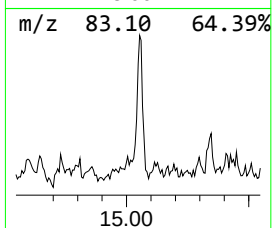
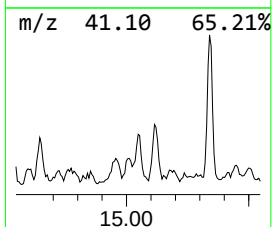
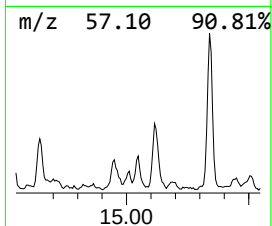
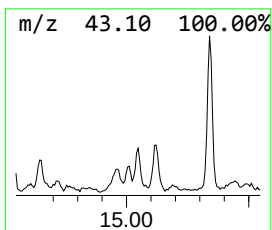
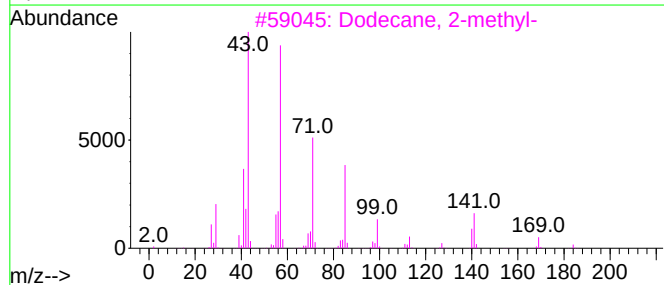
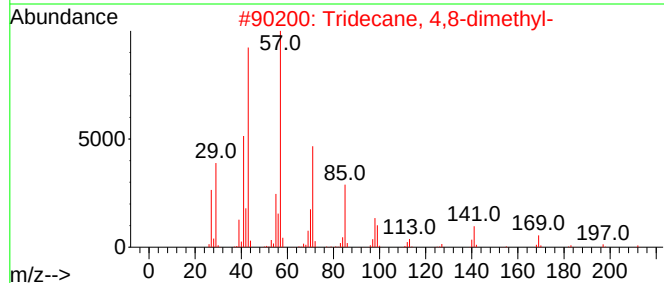
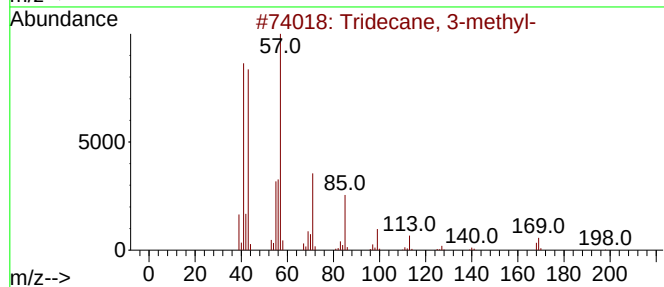
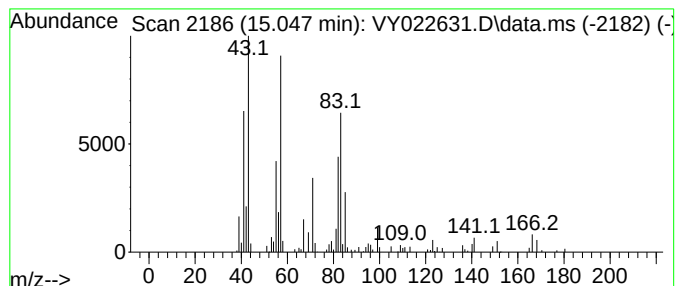
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.407 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	5.01 ug/l	111009	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	35
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	35
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35
5			Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

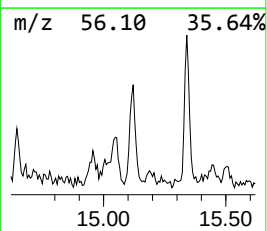
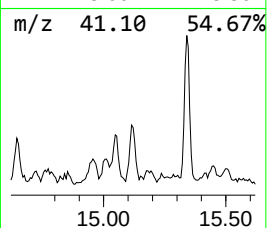
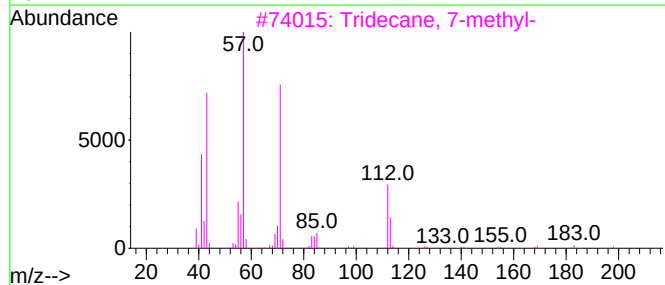
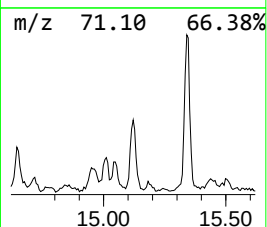
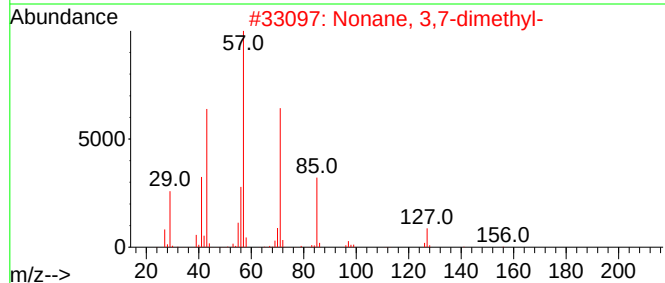
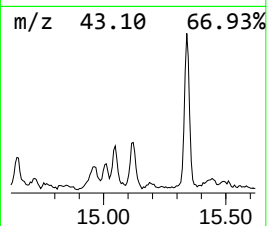
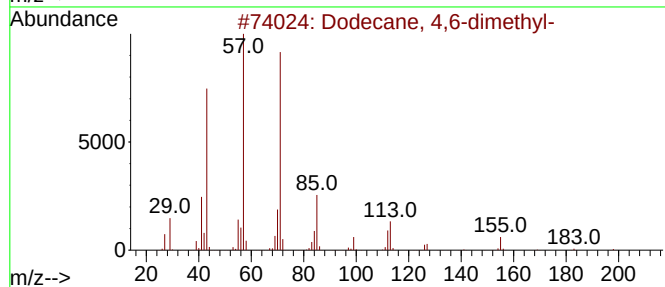
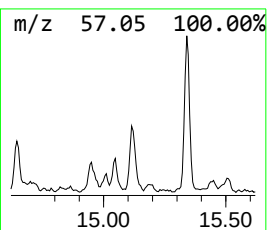
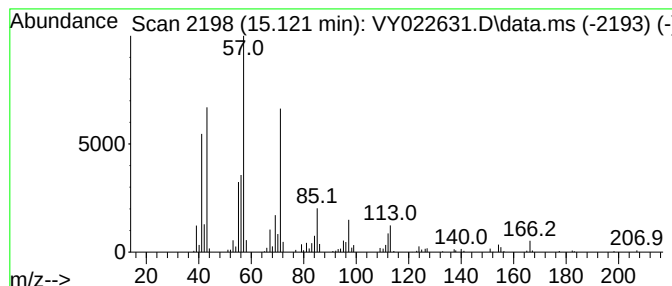
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.59 ug/l	124011	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	47
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

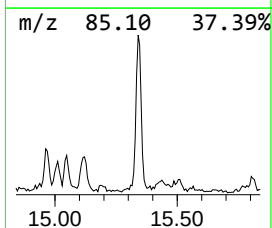
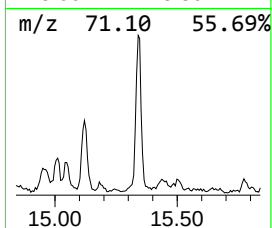
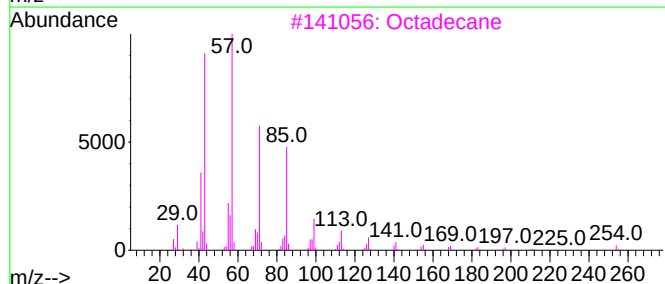
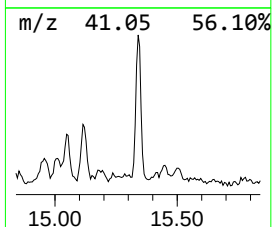
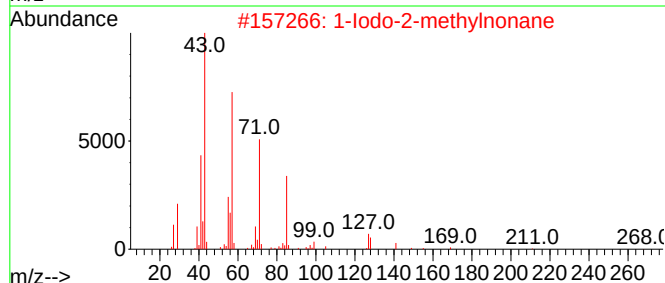
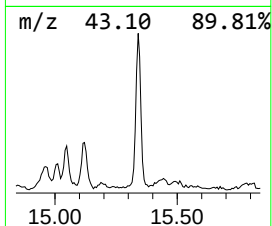
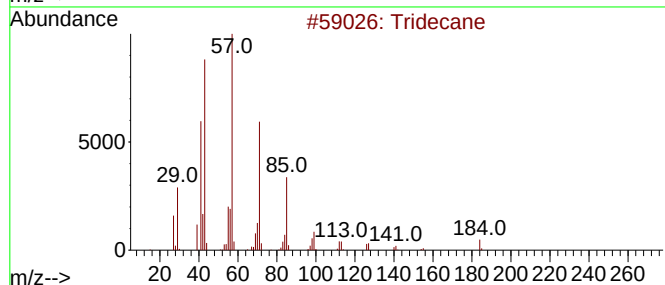
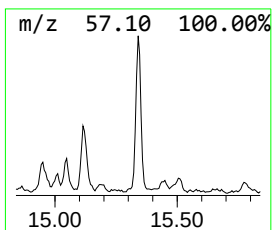
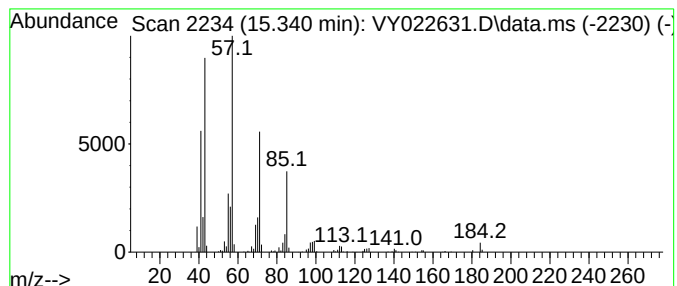
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	11.36 ug/l	251803	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
3			Octadecane	254	C18H38	000593-45-3	78
4			Tetradecane	198	C14H30	000629-59-4	72
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022631.D
Acq On : 09 Jun 2025 15:33
Operator : SY/MD
Sample : Q2266-03
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

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	12.731	21.0	ug/l	466149	4	13.347	1108520	50.0
Undecane	13.676	12.7	ug/l	281430	4	13.347	1108520	50.0
trans-Decalin, ...	14.169	6.0	ug/l	133332	4	13.347	1108520	50.0
Dodecane	14.529	12.1	ug/l	268665	4	13.347	1108520	50.0
Undecane, 2,6-d...	14.645	5.1	ug/l	112415	4	13.347	1108520	50.0
1-Octanol, 2-bu...	14.956	5.0	ug/l	111766	4	13.347	1108520	50.0
unknown15.407	15.047	5.0	ug/l	111009	4	13.347	1108520	50.0
Dodecane, 4,6-d...	15.121	5.6	ug/l	124011	4	13.347	1108520	50.0
Tridecane	15.340	11.4	ug/l	251803	4	13.347	1108520	50.0