

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022086.D
 Acq On : 30 Apr 2025 16:42
 Operator : SY/MD
 Sample : Q1901-01
 Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-170-SB00

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\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY022086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.604	463	473	483	rBV	12819	39114	2.12%	0.184%
2	7.628	960	969	975	rBV	276785	665873	36.15%	3.131%
3	7.701	975	981	995	rVB	395495	913707	49.60%	4.297%
4	8.055	1030	1039	1052	rBV	197176	450754	24.47%	2.120%
5	8.609	1120	1130	1143	rBV	681639	1317051	71.50%	6.194%
6	9.103	1202	1211	1217	rVB4	9579	21546	1.17%	0.101%
7	10.103	1367	1375	1391	rBV	1111070	1841973	100.00%	8.662%
8	11.213	1547	1557	1567	rVB4	23807	62470	3.39%	0.294%
9	11.310	1567	1573	1580	rVB	18221	31278	1.70%	0.147%
10	11.414	1582	1590	1600	rBV	1005574	1566813	85.06%	7.368%
11	11.603	1616	1621	1623	rVV2	31544	52842	2.87%	0.248%
12	11.639	1623	1627	1635	rVV2	104547	233528	12.68%	1.098%
13	11.706	1635	1638	1643	rVB2	20843	30329	1.65%	0.143%
14	11.853	1658	1662	1667	rVB2	20732	32326	1.75%	0.152%
15	11.932	1667	1675	1681	rBV5	77667	205791	11.17%	0.968%
16	12.048	1690	1694	1698	rVB	61606	81263	4.41%	0.382%
17	12.121	1702	1706	1709	rVV3	27745	40898	2.22%	0.192%
18	12.170	1709	1714	1723	rVB5	74873	151689	8.24%	0.713%
19	12.249	1723	1727	1732	rBV3	37080	79049	4.29%	0.372%
20	12.334	1738	1741	1744	rBV	50297	69036	3.75%	0.325%
21	12.365	1744	1746	1748	rVV	64564	61149	3.32%	0.288%
22	12.401	1748	1752	1757	rVV	725948	1139726	61.88%	5.360%
23	12.444	1757	1759	1764	rVB2	100768	129377	7.02%	0.608%
24	12.493	1764	1767	1771	rVB4	19470	26867	1.46%	0.126%
25	12.566	1776	1779	1786	rVB3	48767	83180	4.52%	0.391%
26	12.651	1786	1793	1796	rBV4	44626	88163	4.79%	0.415%
27	12.731	1796	1806	1811	rBV2	449334	752542	40.86%	3.539%
28	12.785	1811	1815	1819	rVB2	67887	101413	5.51%	0.477%
29	12.834	1819	1823	1826	rBV4	22569	38294	2.08%	0.180%
30	12.871	1826	1829	1833	rVB4	45049	58348	3.17%	0.274%
31	12.926	1833	1838	1841	rBV4	69963	124812	6.78%	0.587%
32	12.962	1841	1844	1850	rVB	159944	235941	12.81%	1.110%
33	13.023	1850	1854	1860	rVB4	45027	81147	4.41%	0.382%
34	13.090	1860	1865	1870	rBV2	66473	128789	6.99%	0.606%
35	13.145	1871	1874	1876	rBV2	18914	22924	1.24%	0.108%
36	13.243	1881	1890	1893	rBV3	163601	377608	20.50%	1.776%

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37	13.285	1893	1897	1900	rVV2	134881	193603	10.51%	0.910%
38	13.346	1900	1907	1915	rVB	945130	1600256	86.88%	7.525%
39	13.426	1915	1920	1923	rBV2	133477	180606	9.81%	0.849%
40	13.584	1943	1946	1950	rBV3	28328	33438	1.82%	0.157%
41	13.669	1954	1960	1965	rBV2	642561	1020378	55.40%	4.798%
42	13.712	1965	1967	1971	rVB2	67115	78047	4.24%	0.367%
43	13.773	1973	1977	1982	rBV3	57829	106285	5.77%	0.500%
44	13.834	1983	1987	1991	rBV4	100334	165564	8.99%	0.779%
45	13.889	1991	1996	2000	rVB2	239835	391617	21.26%	1.842%
46	13.932	2000	2003	2009	rVB2	101263	160541	8.72%	0.755%
47	13.999	2009	2014	2018	rBV3	102599	170044	9.23%	0.800%
48	14.060	2018	2024	2029	rBV4	93006	209629	11.38%	0.986%
49	14.114	2029	2033	2037	rBV4	115058	184155	10.00%	0.866%
50	14.169	2037	2042	2044	rBV5	215816	383840	20.84%	1.805%
51	14.249	2050	2055	2060	rVB3	138781	314340	17.07%	1.478%
52	14.303	2060	2064	2067	rVV2	162541	241777	13.13%	1.137%
53	14.334	2067	2069	2074	rVV4	145712	204765	11.12%	0.963%
54	14.395	2074	2079	2085	rVB6	97971	181461	9.85%	0.853%
55	14.529	2096	2101	2107	rBV2	520060	715944	38.87%	3.367%
56	14.596	2107	2112	2116	rVV3	248485	461624	25.06%	2.171%
57	14.645	2116	2120	2127	rVV2	310732	518896	28.17%	2.440%
58	14.718	2127	2132	2136	rVV4	85035	161082	8.75%	0.758%
59	14.767	2136	2140	2147	rVV5	119793	323349	17.55%	1.521%
60	14.858	2151	2155	2159	rVB5	97584	140383	7.62%	0.660%
61	14.950	2166	2170	2176	rBV5	75525	160716	8.73%	0.756%
62	15.011	2176	2180	2183	rVV3	60794	99410	5.40%	0.467%
63	15.047	2183	2186	2192	rVB3	152289	257991	14.01%	1.213%
64	15.120	2193	2198	2203	rBV3	247862	412428	22.39%	1.939%
65	15.181	2204	2208	2215	rVB6	64983	144227	7.83%	0.678%
66	15.248	2215	2219	2224	rBV6	39981	85660	4.65%	0.403%
67	15.340	2230	2234	2241	rBV	208159	296140	16.08%	1.393%
68	15.925	2325	2330	2334	rVB2	43661	82388	4.47%	0.387%
69	16.047	2346	2350	2357	rVB3	41932	71957	3.91%	0.338%
70	16.242	2378	2382	2388	rBV2	29275	48969	2.66%	0.230%
71	16.370	2396	2403	2414	rVB6	37364	125697	6.82%	0.591%

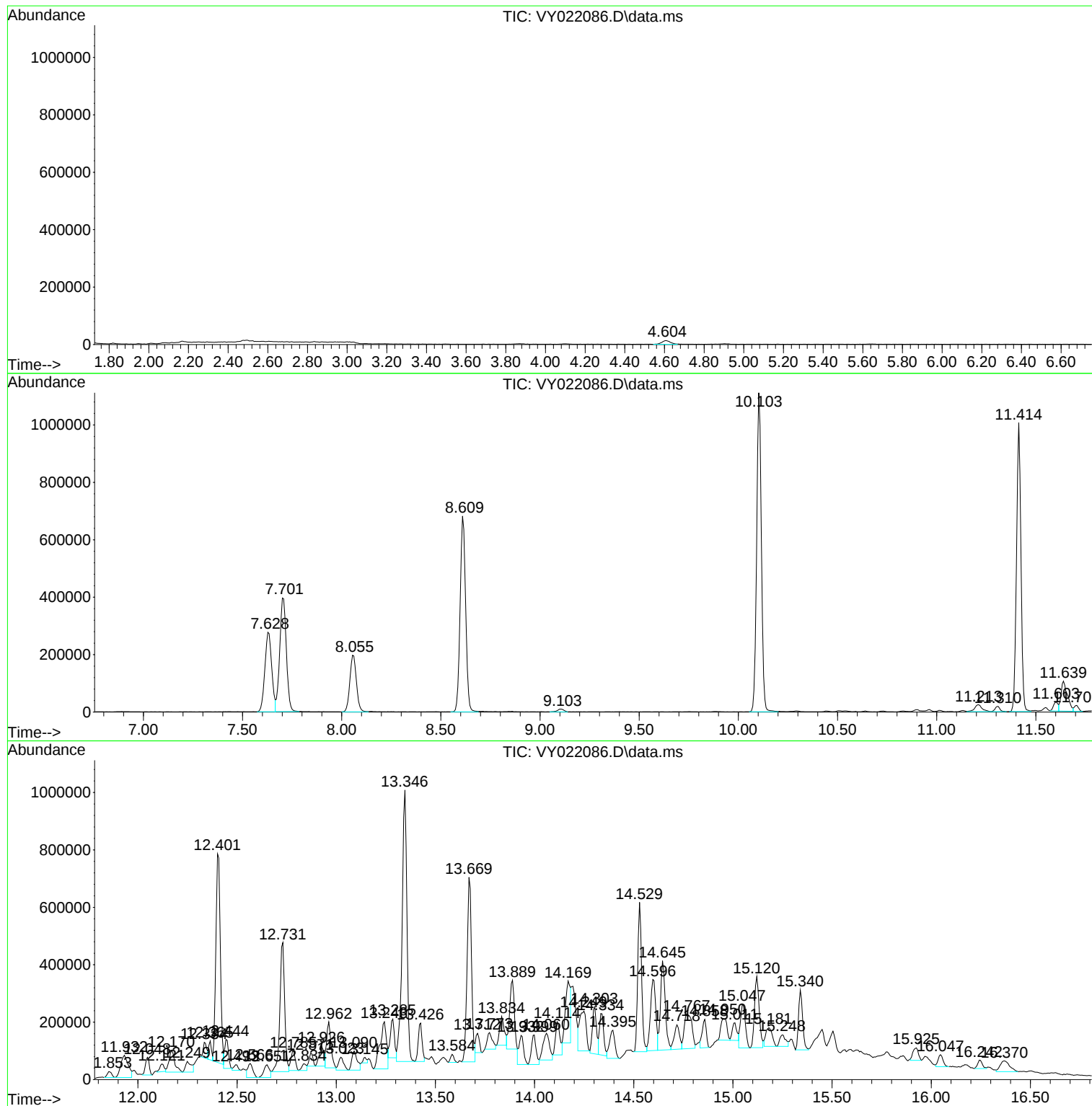
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ClientSampleId :
B-170-SB00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

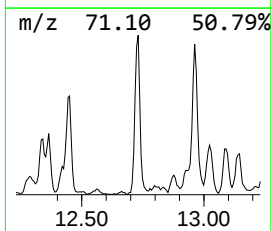
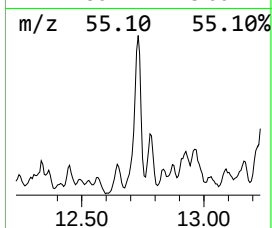
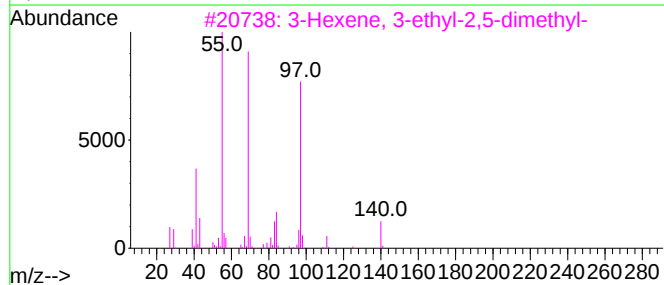
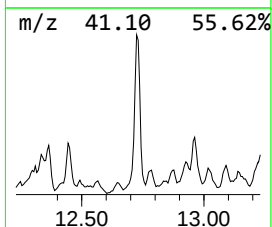
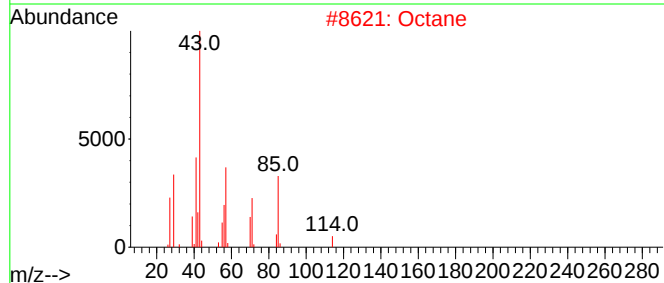
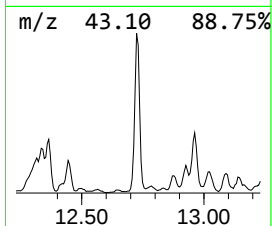
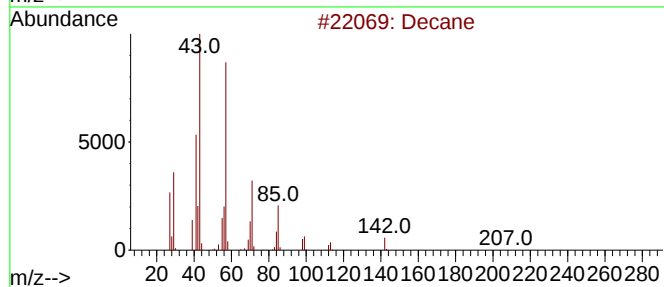
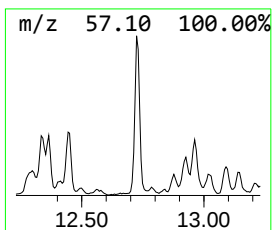
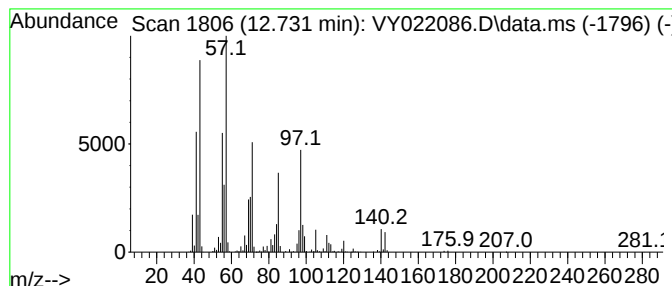
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	23.51 ug/l	752542	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	64
2			Octane	114	C8H18	000111-65-9	43
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	30
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	25



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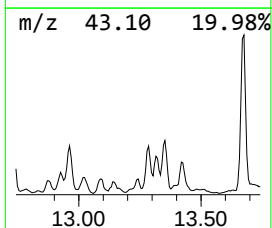
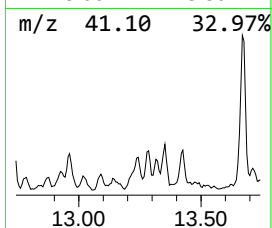
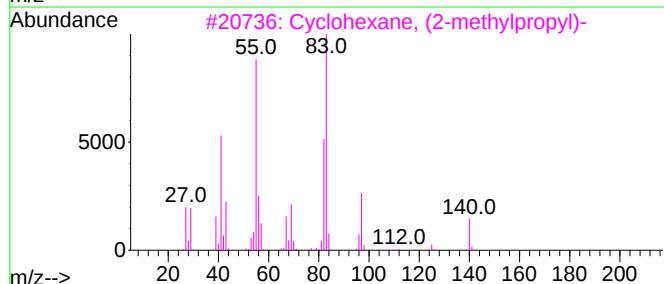
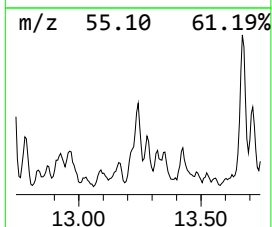
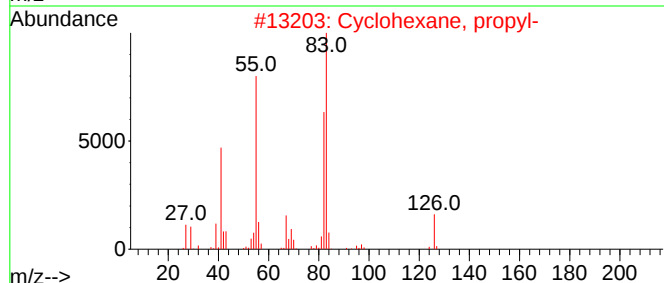
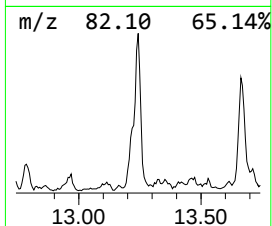
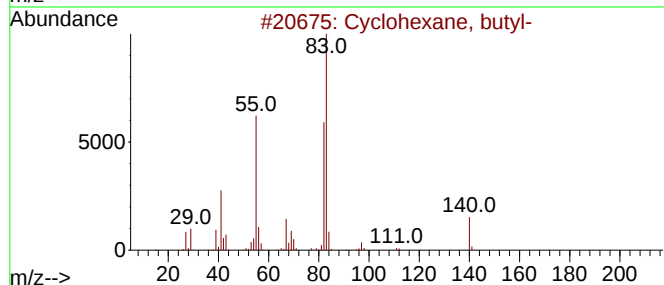
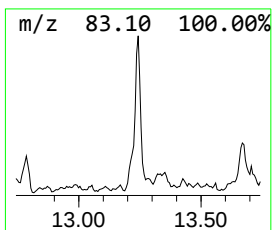
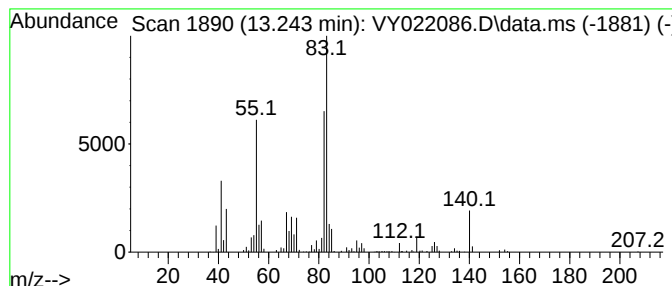
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	11.80 ug/l	377608	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	94
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



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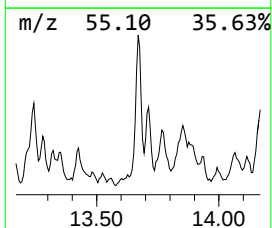
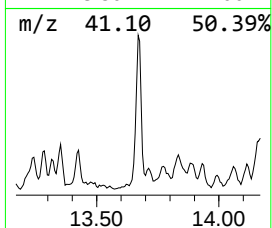
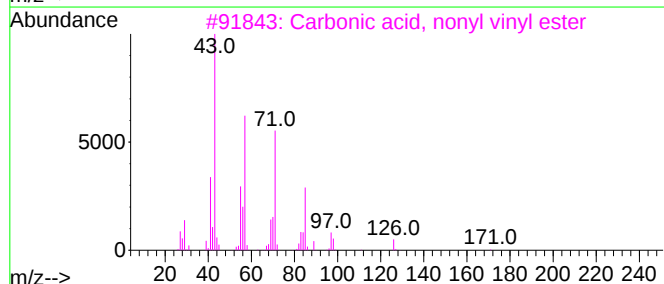
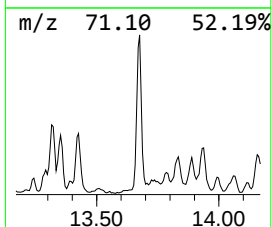
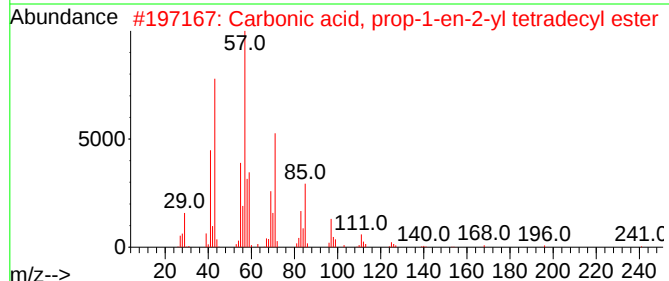
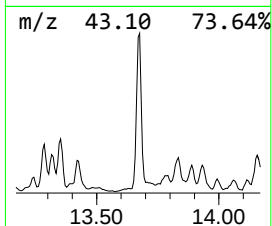
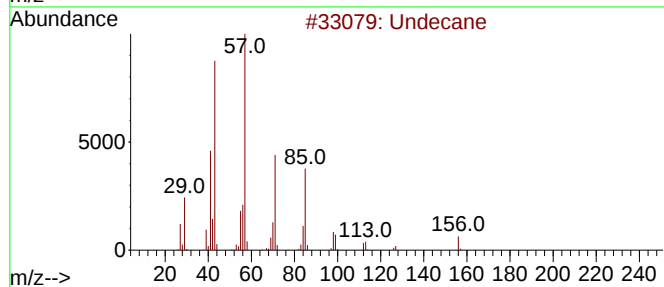
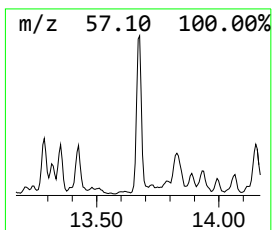
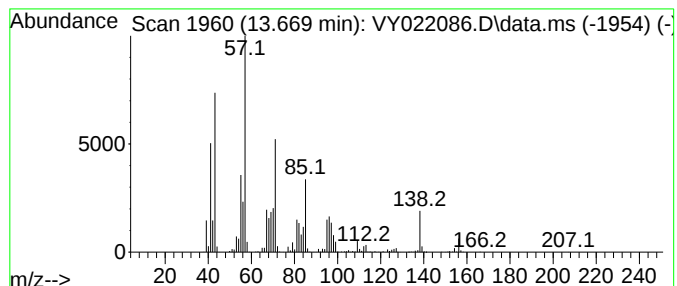
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Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	31.88 ug/l	1020380	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	64
2	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	53
3	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	49
4	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	49
5	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	47



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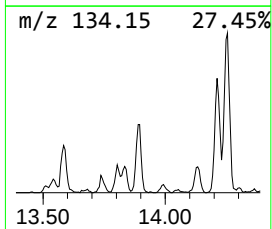
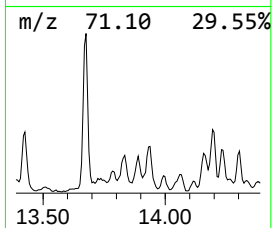
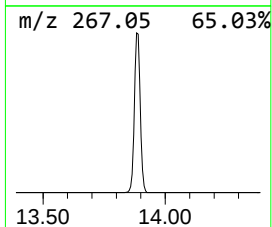
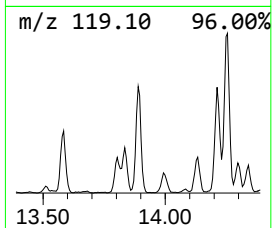
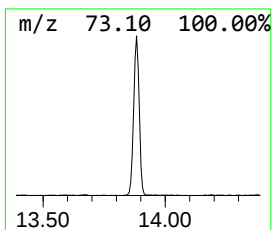
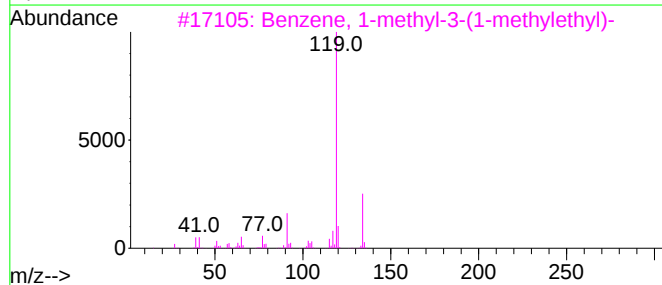
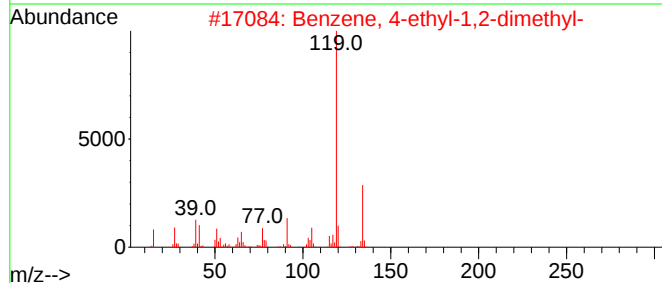
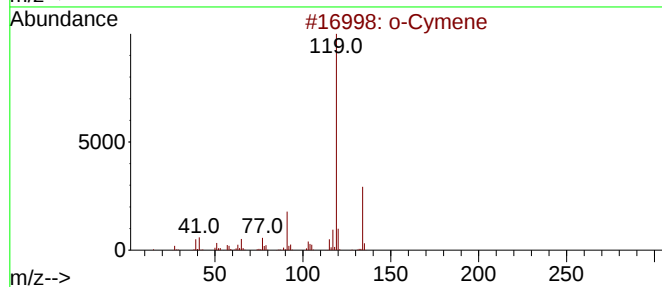
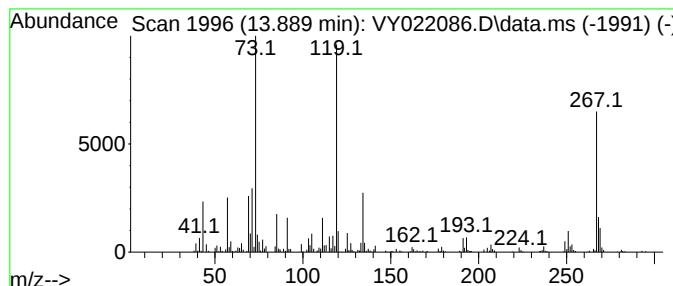
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	12.24 ug/l	391617	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	89
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
3			Benzene, 1-methyl-3-(1-methyleth...)	134	C10H14	000535-77-3	86
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

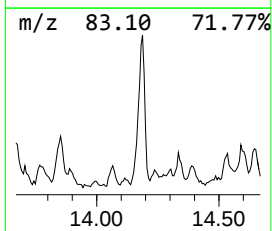
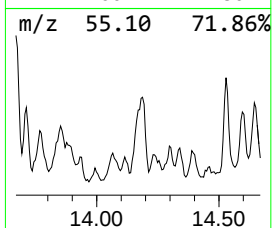
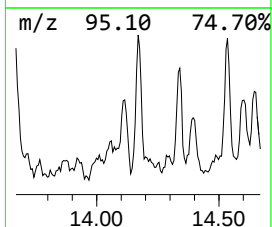
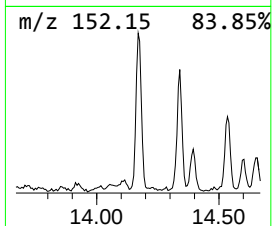
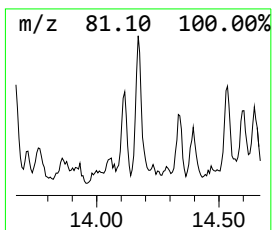
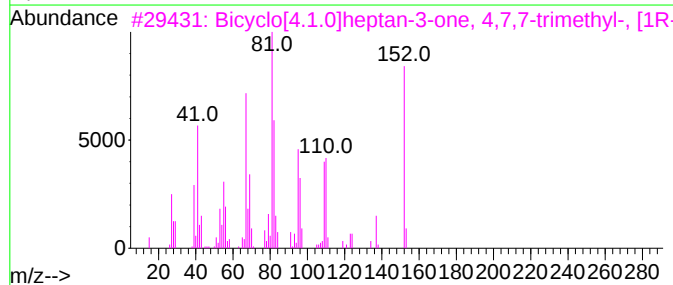
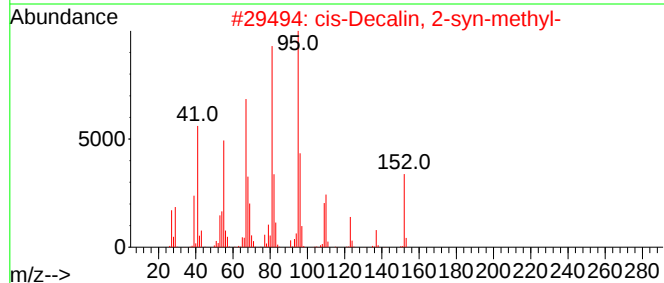
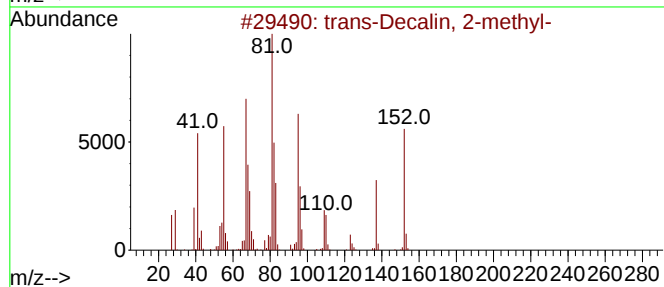
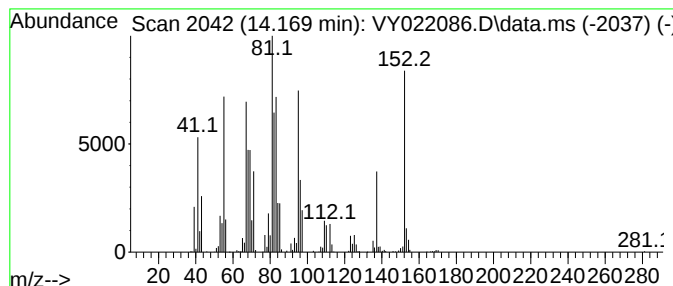
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Quant Title : SW846 8260

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	11.99 ug/l	383840	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	62
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

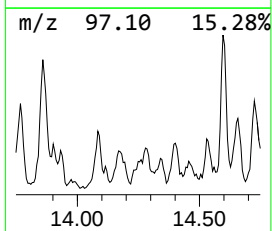
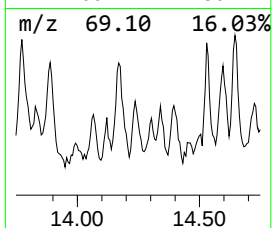
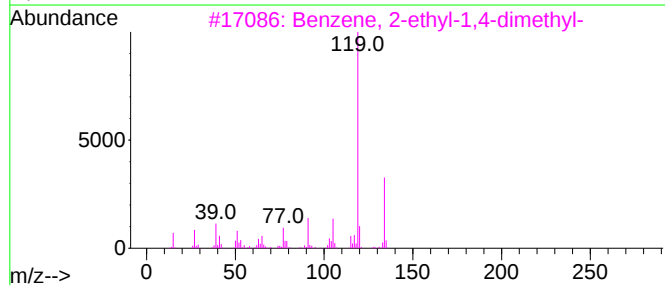
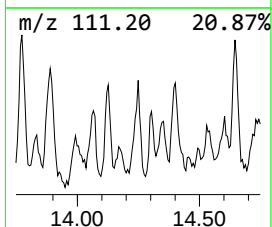
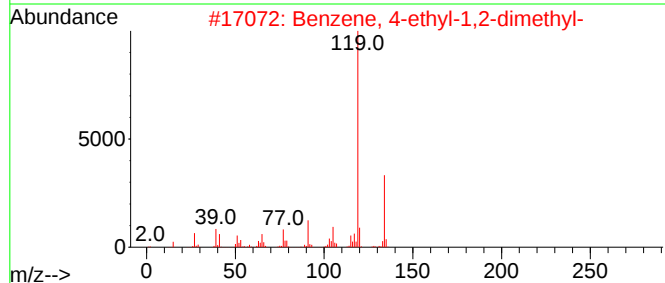
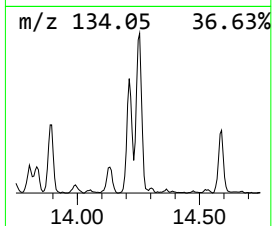
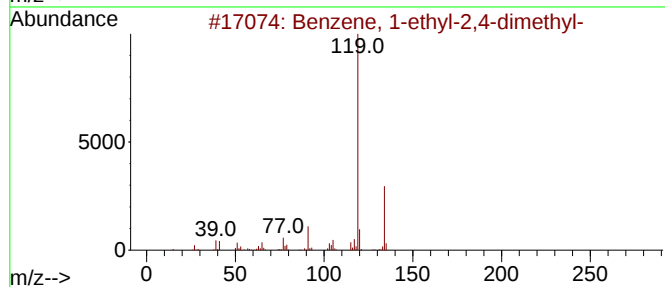
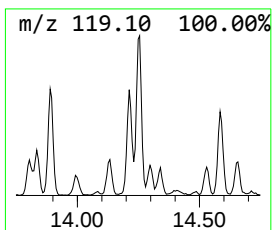
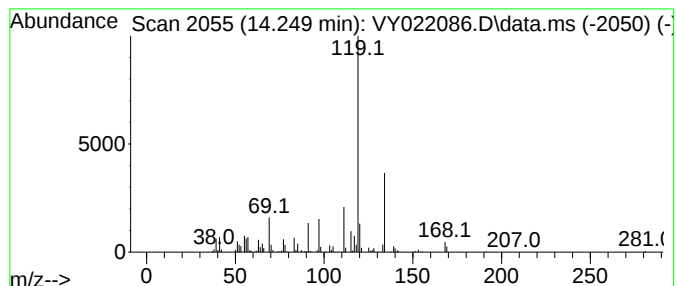
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.249	9.82 ug/l	314340	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

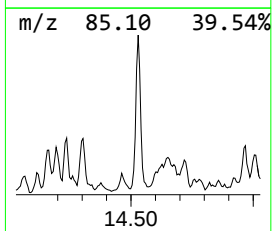
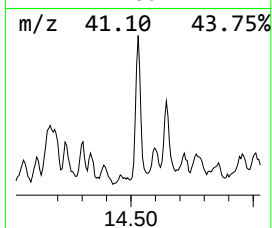
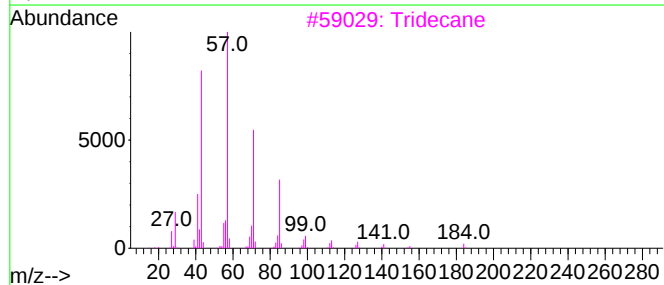
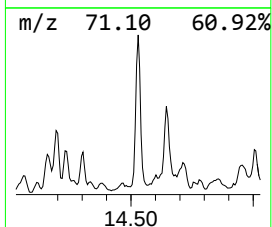
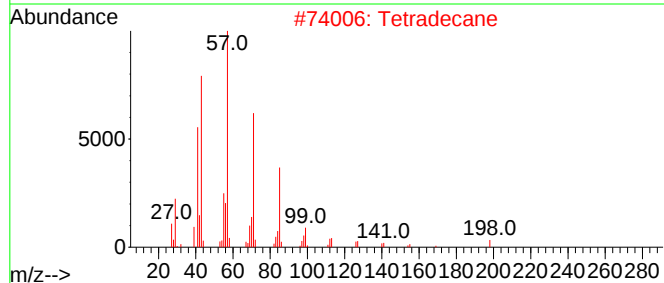
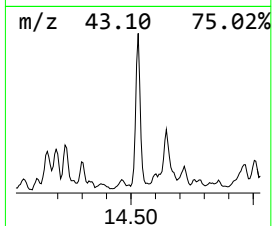
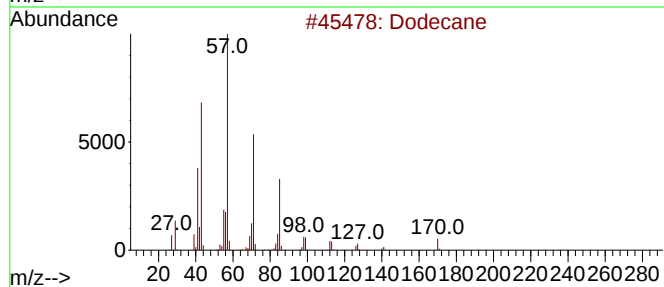
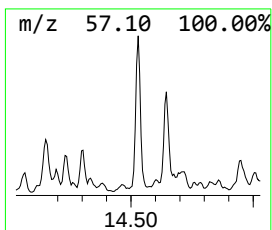
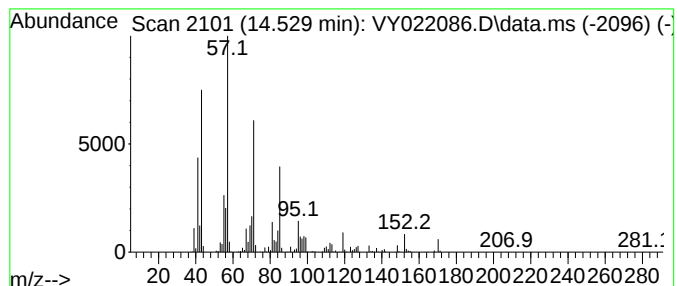
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	22.37 ug/l	715944	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Tetradecane	198	C14H30	000629-59-4	72
3			Tridecane	184	C13H28	000629-50-5	64
4			Nonadecane	268	C19H40	000629-92-5	64
5			10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

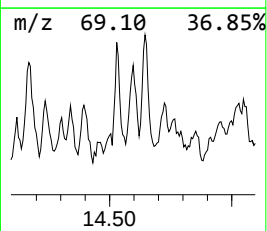
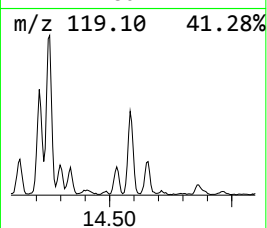
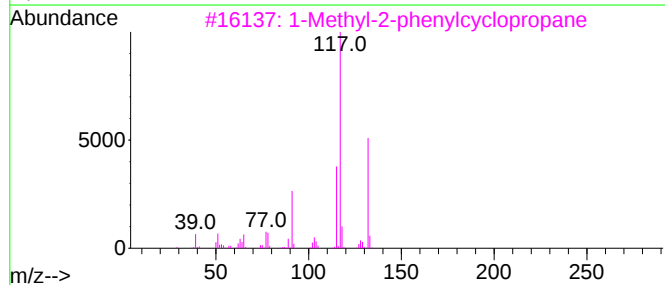
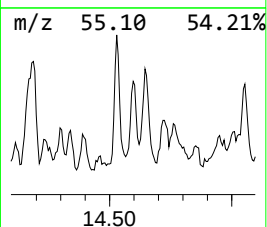
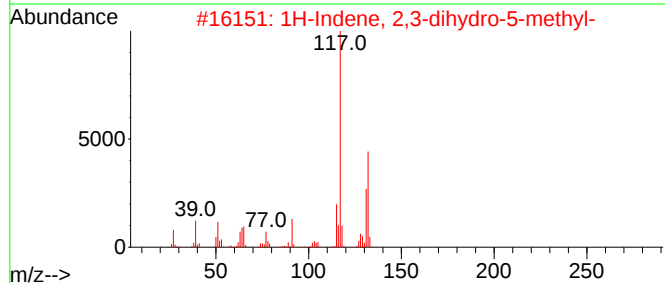
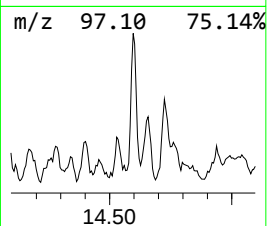
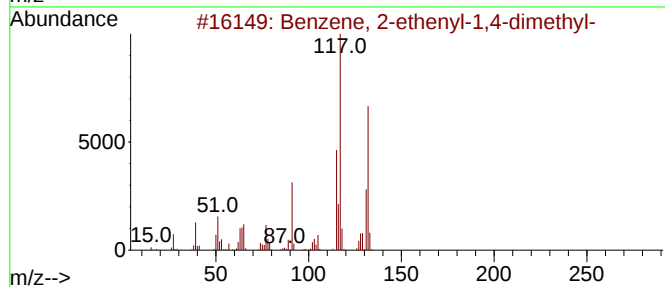
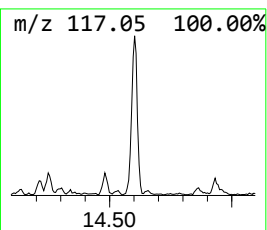
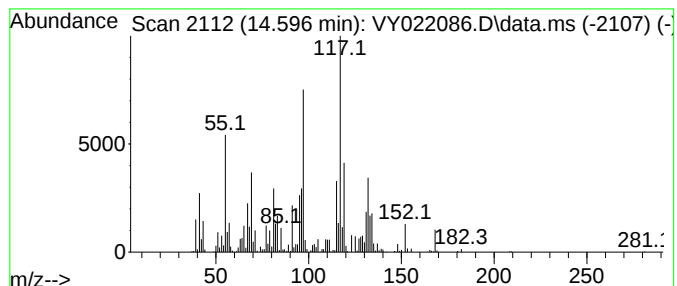
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	14.42 ug/l	461624	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	56
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	38
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	38
4			Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	35
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

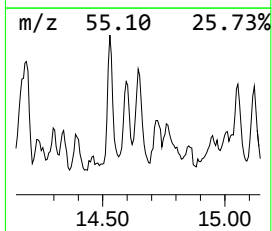
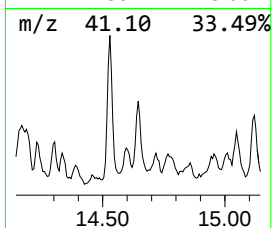
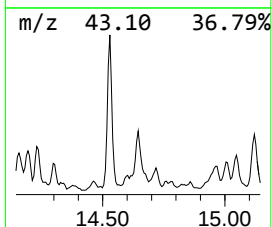
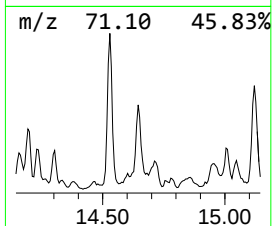
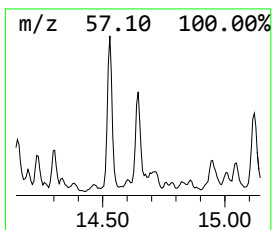
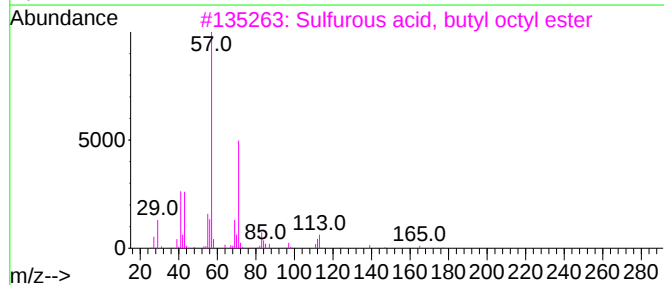
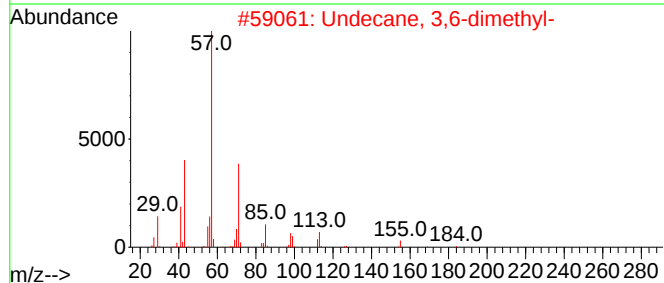
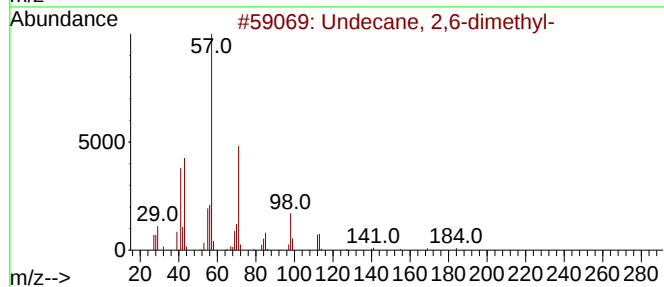
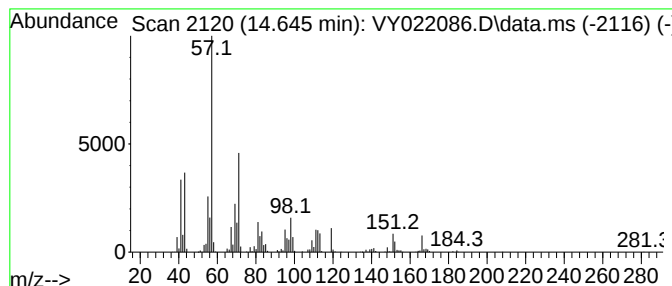
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	16.21 ug/l	518896	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	53
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	46
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	46
5			Carbonic acid, 2,2,2-trichloroet...	262	C8H13Cl3O3	1000357-89-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

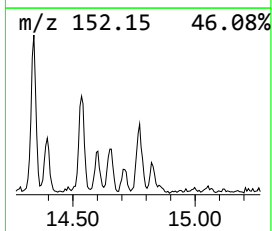
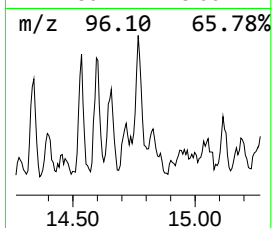
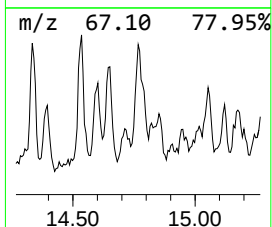
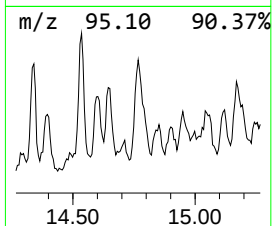
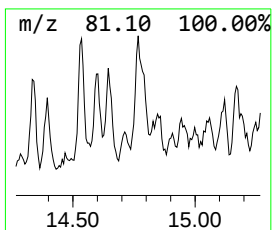
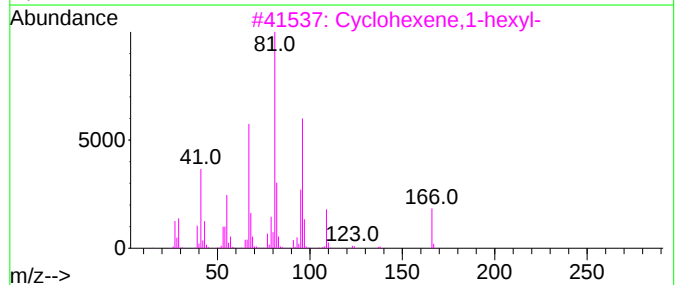
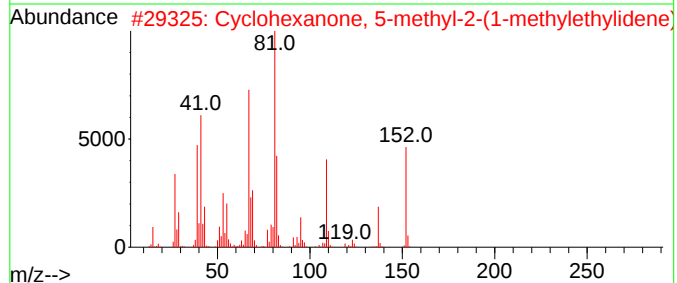
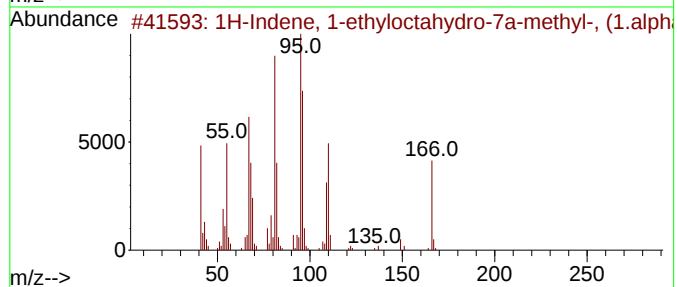
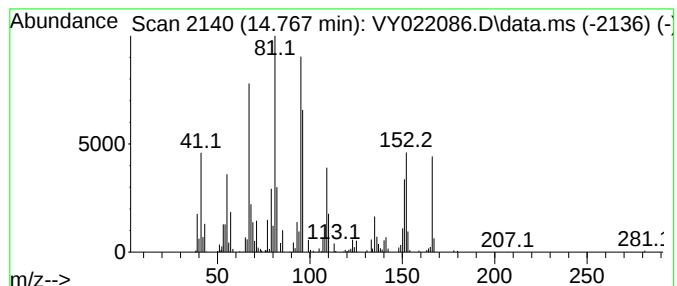
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Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 1-ethyloctahydro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.767	10.10 ug/l	323349	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	74
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
3			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	60
4			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	60
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022086.D
Acq On : 30 Apr 2025 16:42
Operator : SY/MD
Sample : Q1901-01
Misc : 6.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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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Cyclohexane, bu...	13.243	11.8	ug/l	377608	4	13.346	1600260	50.0
Undecane	13.669	31.9	ug/l	1020380	4	13.346	1600260	50.0
o-Cymene	13.889	12.2	ug/l	391617	4	13.346	1600260	50.0
trans-Decalin, ...	14.169	12.0	ug/l	383840	4	13.346	1600260	50.0
Benzene, 1-ethy...	14.249	9.8	ug/l	314340	4	13.346	1600260	50.0
Dodecane	14.529	22.4	ug/l	715944	4	13.346	1600260	50.0
Benzene, 2-ethe...	14.596	14.4	ug/l	461624	4	13.346	1600260	50.0
Undecane, 2,6-d...	14.645	16.2	ug/l	518896	4	13.346	1600260	50.0
1H-Indene, 1-et...	14.767	10.1	ug/l	323349	4	13.346	1600260	50.0