

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023142.D
 Acq On : 19 Aug 2025 11:44
 Operator : SY/MD
 Sample : Q2820-15
 Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10P-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: VY023142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	465	475	489	rBV2	47517	147691	4.08%	0.420%
2	7.634	959	970	976	rBV	504503	1224139	33.83%	3.485%
3	7.707	976	982	994	rVB	793116	1809894	50.02%	5.153%
4	8.060	1028	1040	1061	rBV	411321	920185	25.43%	2.620%
5	8.615	1120	1131	1150	rBV	1324839	2614684	72.26%	7.444%
6	10.103	1367	1375	1391	rBV	2059940	3618549	100.00%	10.302%
7	11.413	1583	1590	1600	rBV	1941611	3118063	86.17%	8.877%
8	11.609	1616	1622	1627	rBV5	22489	59370	1.64%	0.169%
9	11.663	1627	1631	1642	rVB4	38014	106840	2.95%	0.304%
10	11.859	1659	1663	1667	rVB3	27733	43445	1.20%	0.124%
11	11.932	1667	1675	1681	rBV4	118751	291106	8.04%	0.829%
12	12.048	1690	1694	1698	rVB	122593	176297	4.87%	0.502%
13	12.127	1698	1707	1708	rBV3	136329	252560	6.98%	0.719%
14	12.157	1708	1712	1718	rVB2	280838	456885	12.63%	1.301%
15	12.243	1718	1726	1728	rBV7	65165	167027	4.62%	0.476%
16	12.297	1729	1735	1739	rBV7	91385	214477	5.93%	0.611%
17	12.340	1739	1742	1747	rVB3	69687	119105	3.29%	0.339%
18	12.407	1747	1753	1758	rBV2	1492663	2420703	66.90%	6.891%
19	12.493	1763	1767	1771	rBV4	69860	119201	3.29%	0.339%
20	12.566	1774	1779	1786	rVB2	573042	1027391	28.39%	2.925%
21	12.651	1786	1793	1799	rBV7	212784	618696	17.10%	1.761%
22	12.730	1799	1806	1812	rBV4	620788	1335291	36.90%	3.801%
23	12.871	1824	1829	1832	rBV3	277102	381940	10.56%	1.087%
24	12.925	1832	1838	1840	rBV3	177460	336948	9.31%	0.959%
25	12.962	1840	1844	1851	rVB2	485267	817526	22.59%	2.327%
26	13.029	1852	1855	1856	rBV2	63519	70236	1.94%	0.200%
27	13.084	1861	1864	1871	rVB5	174202	280213	7.74%	0.798%
28	13.145	1871	1874	1876	rBV2	66750	98939	2.73%	0.282%
29	13.236	1881	1889	1893	rVV5	443886	1199948	33.16%	3.416%
30	13.279	1893	1896	1900	rVV3	322844	589885	16.30%	1.679%
31	13.346	1900	1907	1915	rVV	1783537	3245843	89.70%	9.241%
32	13.419	1915	1919	1923	rVV3	197960	346620	9.58%	0.987%
33	13.486	1925	1930	1934	rVV4	311061	544264	15.04%	1.549%
34	13.523	1934	1936	1941	rVB4	91332	117727	3.25%	0.335%
35	13.663	1953	1959	1964	rBV2	949025	1709448	47.24%	4.867%
36	13.712	1964	1967	1971	rVB2	151420	209140	5.78%	0.595%

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Integration Parameters: RTEINT.P

Integrator: RTE

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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
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37	13.773	1972	1977	1979	rBV3	199803	356492	9.85%	1.015%
38	13.858	1985	1991	1992	rBV4	110233	202360	5.59%	0.576%
39	13.992	2010	2013	2018	rBV3	100919	148124	4.09%	0.422%
40	14.047	2018	2022	2029	rVB5	166213	345770	9.56%	0.984%
41	14.114	2030	2033	2036	rVB6	81541	103485	2.86%	0.295%
42	14.175	2037	2043	2051	rBV4	425015	1136811	31.42%	3.236%
43	14.303	2059	2064	2066	rBV2	209923	333886	9.23%	0.951%
44	14.334	2066	2069	2074	rVB	401310	552949	15.28%	1.574%
45	14.529	2097	2101	2105	rVV3	122360	160336	4.43%	0.456%
46	14.596	2107	2112	2117	rVV7	80400	195280	5.40%	0.556%
47	14.645	2117	2120	2124	rVV3	101619	163120	4.51%	0.464%
48	14.699	2126	2129	2136	rVB4	84717	157915	4.36%	0.450%
49	14.785	2136	2143	2147	rBV3	103119	202645	5.60%	0.577%
50	14.858	2151	2155	2158	rVV	62123	74729	2.07%	0.213%
51	14.913	2161	2164	2167	rVB2	46326	59862	1.65%	0.170%
52	15.291	2223	2226	2230	rVB3	48848	75717	2.09%	0.216%
53	15.340	2230	2234	2240	rVB8	24213	46383	1.28%	0.132%

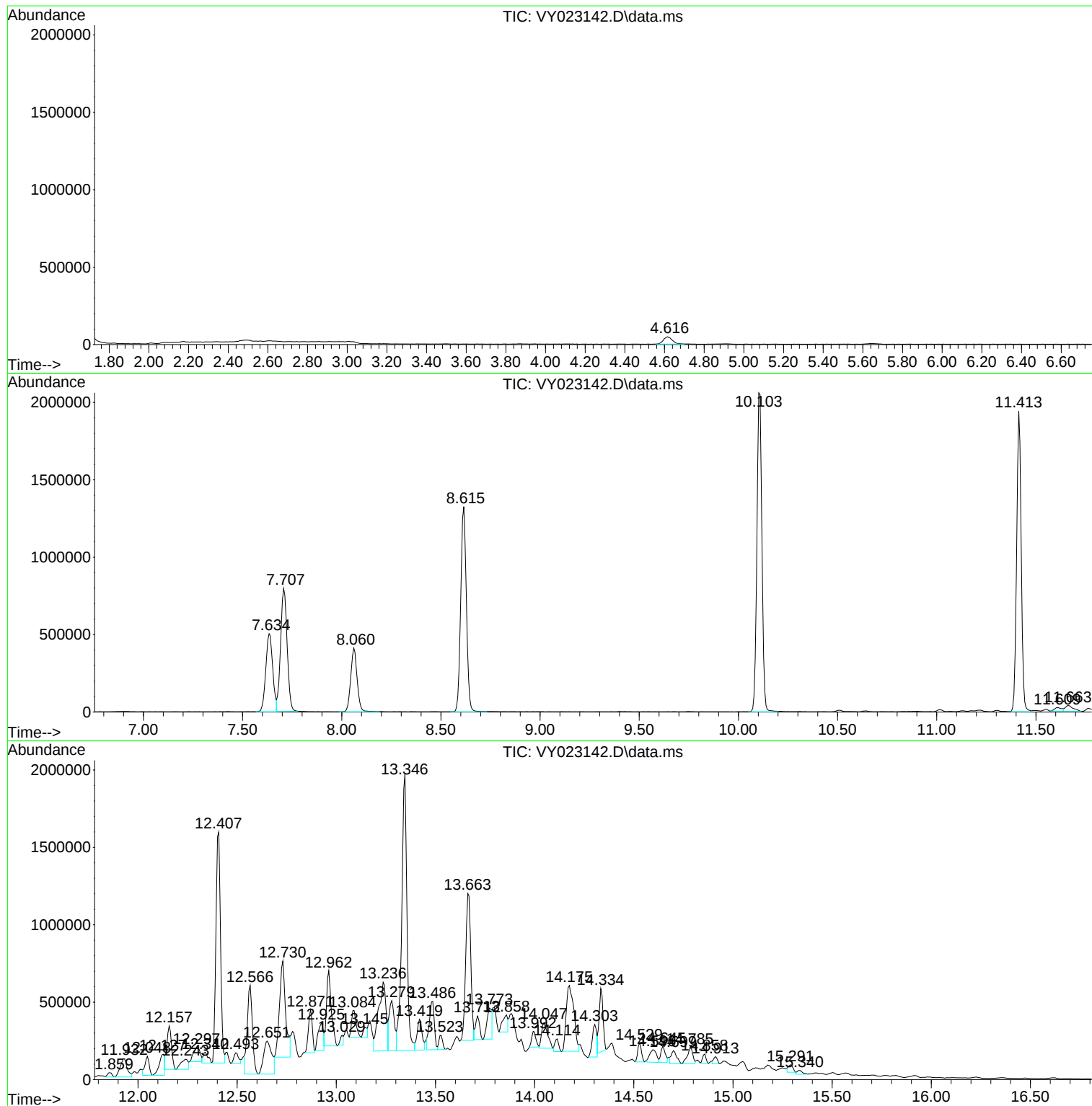
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MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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



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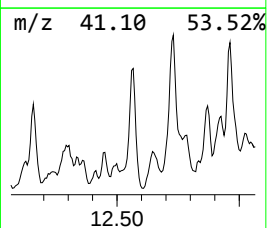
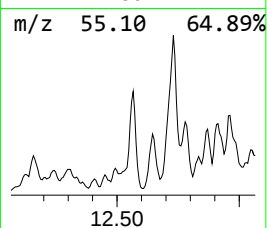
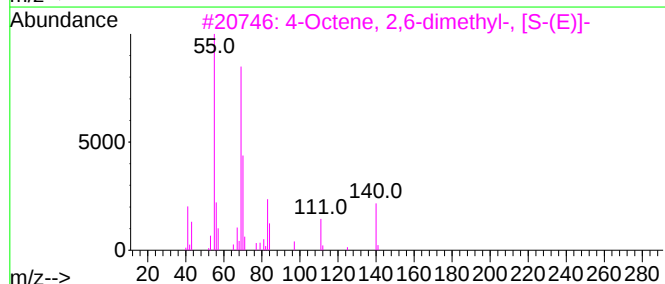
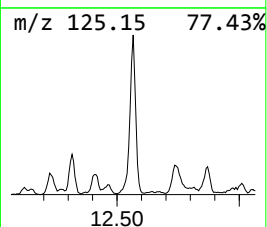
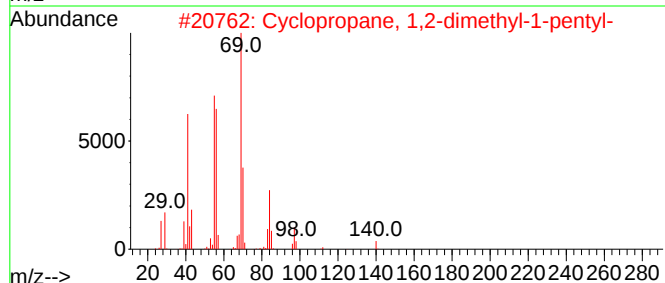
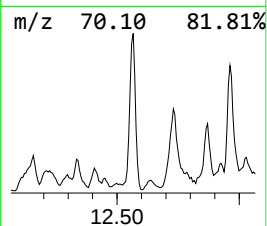
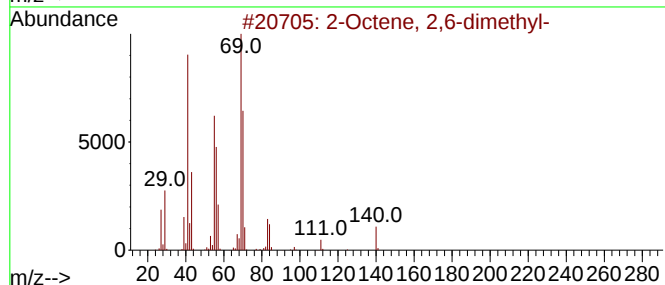
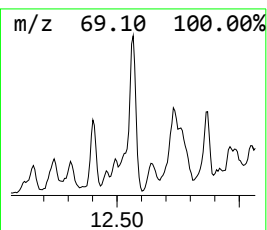
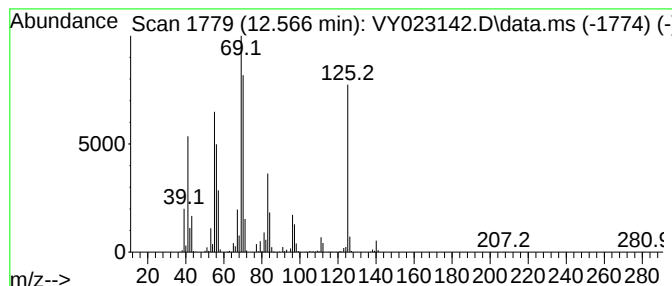
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Octene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	15.83 ug/l	1027390	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	45
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	30
5			1-Decene	140	C10H20	000872-05-9	30



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ALS Vial : 7 Sample Multiplier: 1

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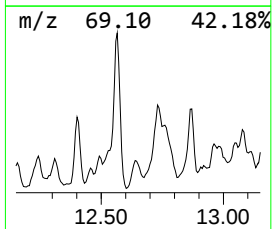
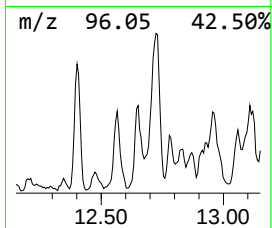
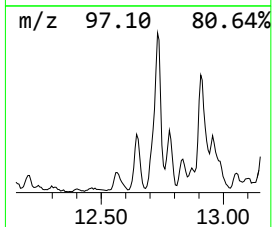
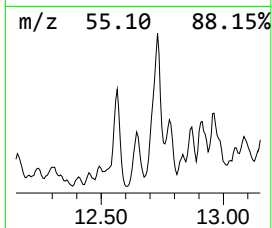
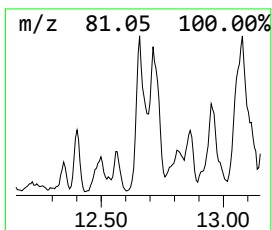
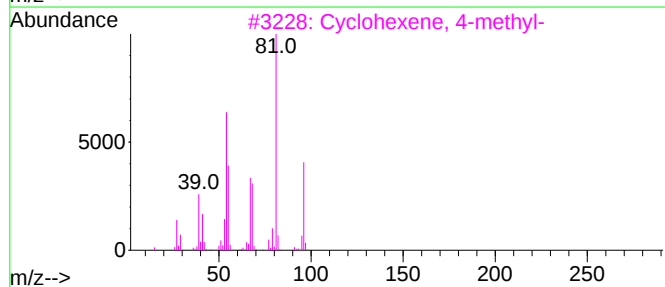
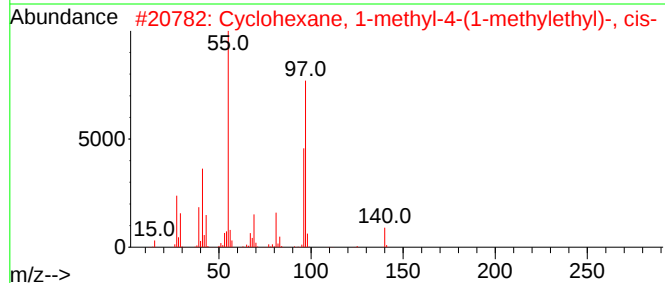
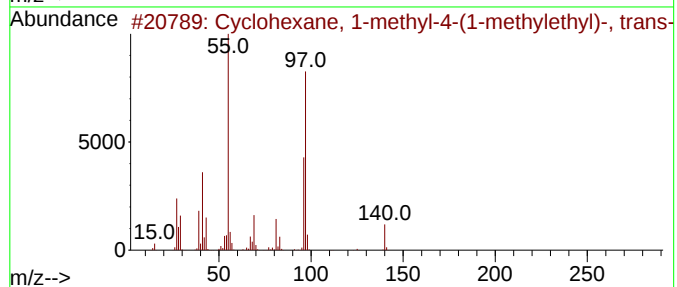
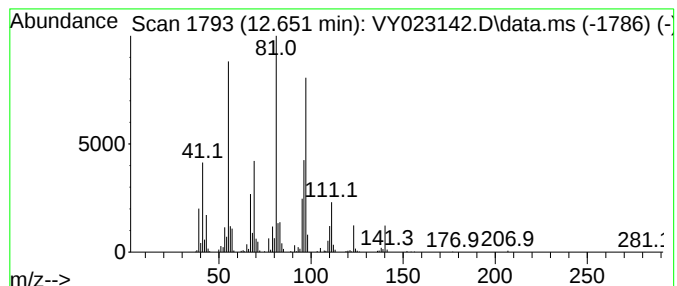
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.651 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	9.53 ug/l	618696	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
5			6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	43



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Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

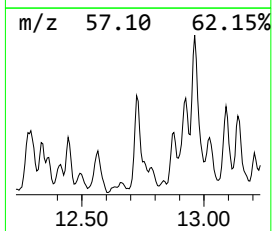
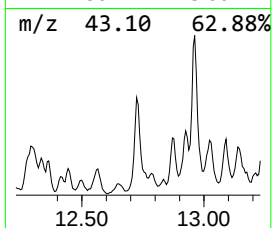
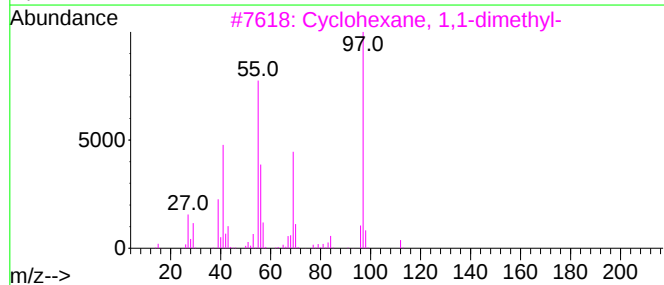
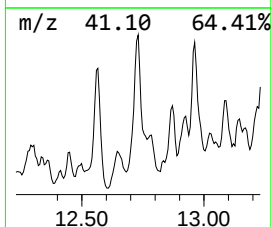
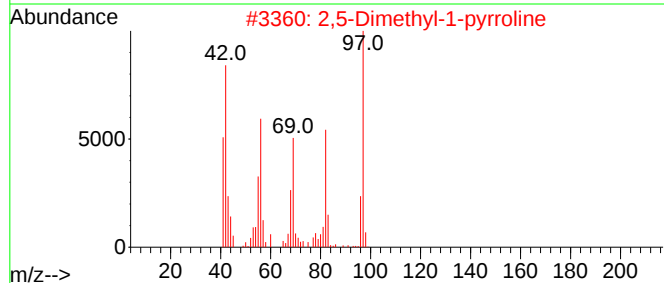
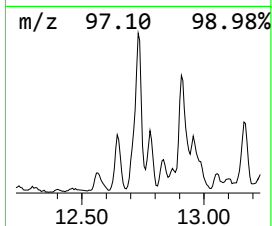
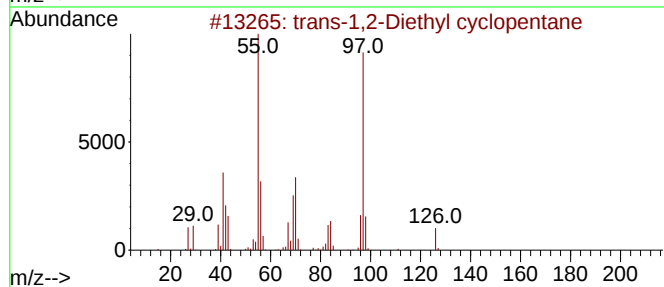
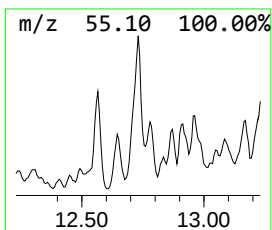
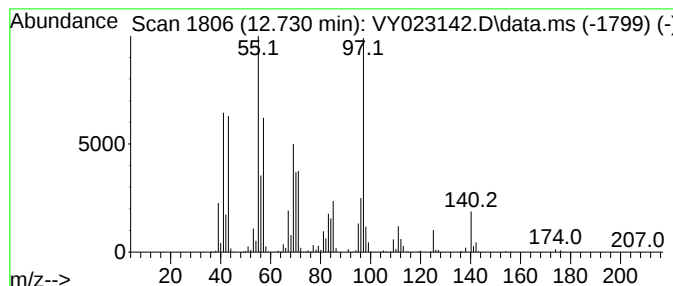
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.730 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.730	20.57 ug/l	1335290	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	49
2			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	46
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
5			1-Hexacosanol	382	C26H54O	000506-52-5	43



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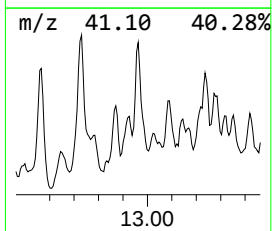
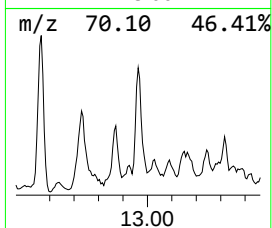
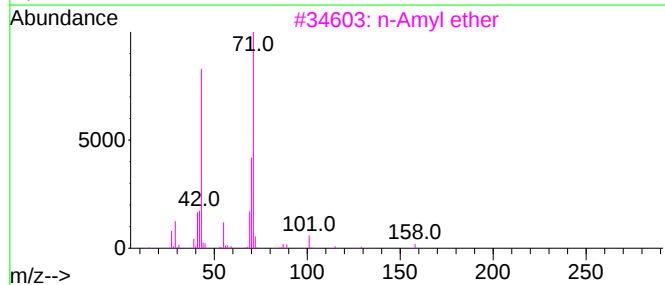
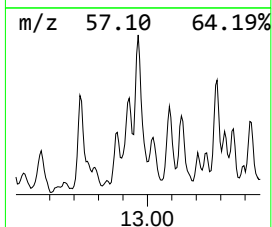
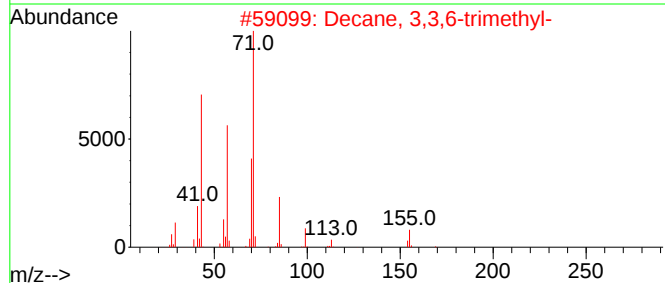
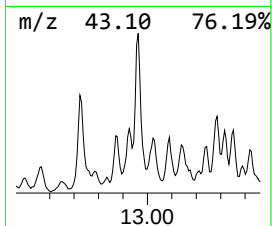
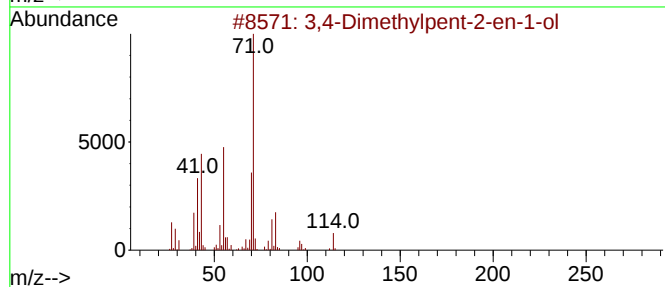
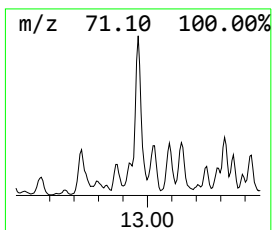
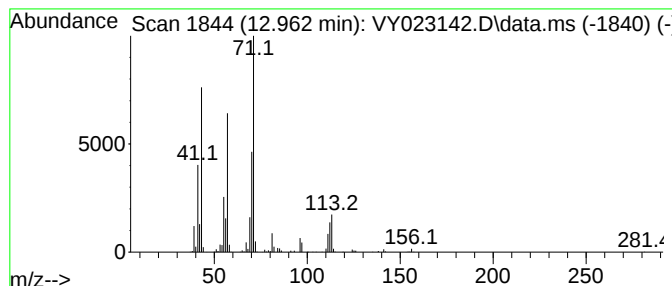
Instrument :
MSVOA_Y
ClientSampleId :
10P-S

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 4 3,4-Dimethylpent-2-en-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.962	12.59 ug/l	817526	1,4-Dichlorobenzene-d4	13.346	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylpent-2-en-1-ol	114	C7H14O	1000195-06-9	72
2	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	59
3	n-Amyl ether	158	C10H22O	000693-65-2	59
4	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	53
5	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	50



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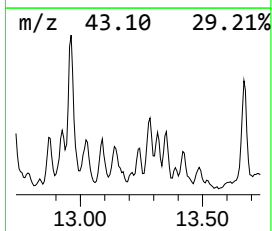
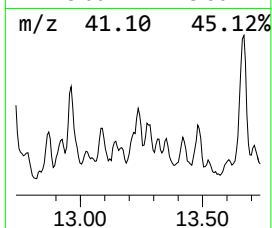
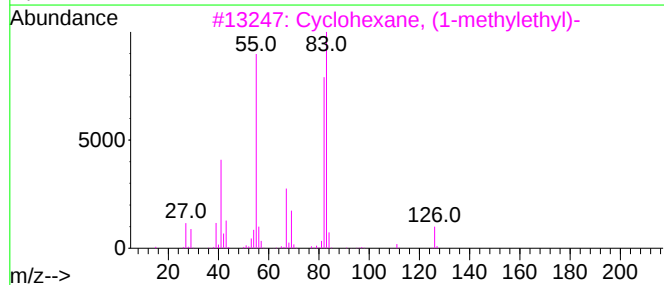
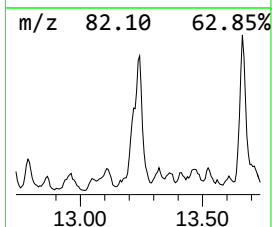
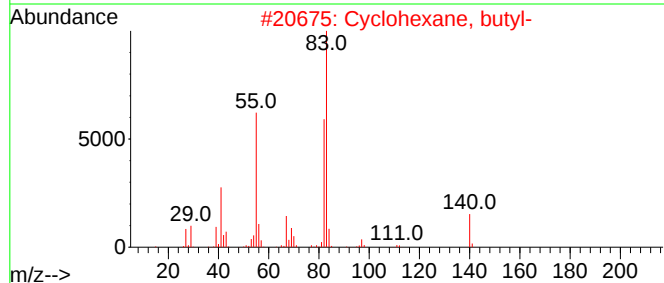
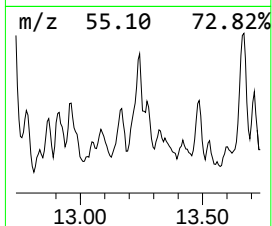
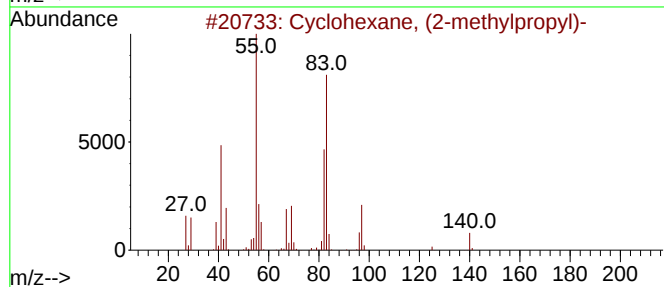
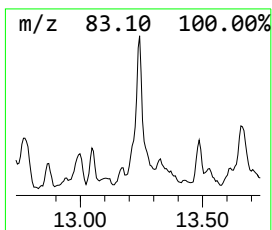
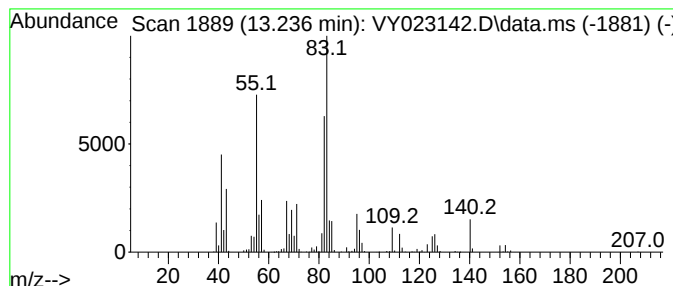
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.236	18.48 ug/l	1199950	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	68
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	53
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

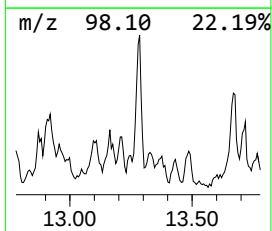
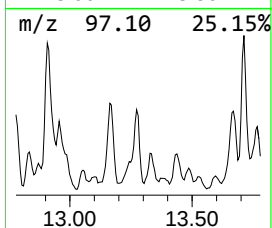
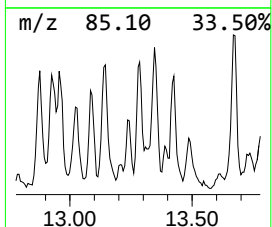
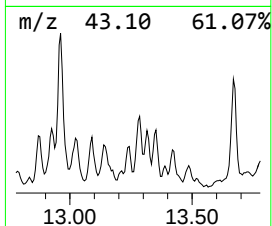
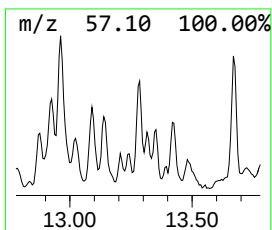
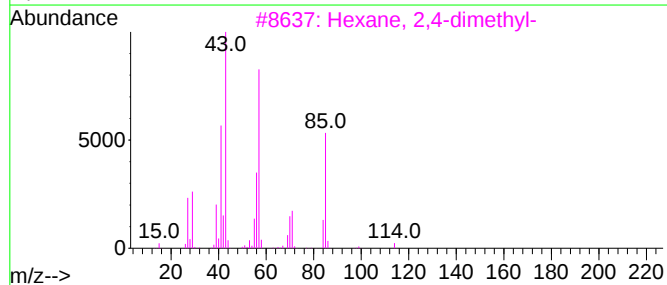
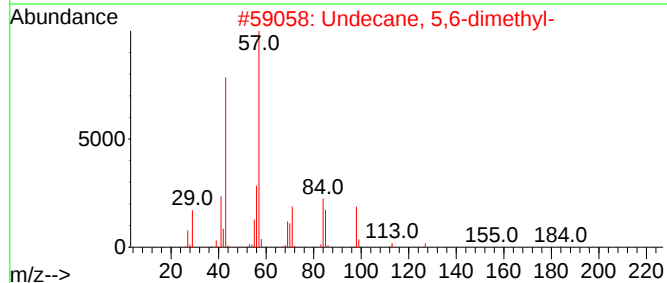
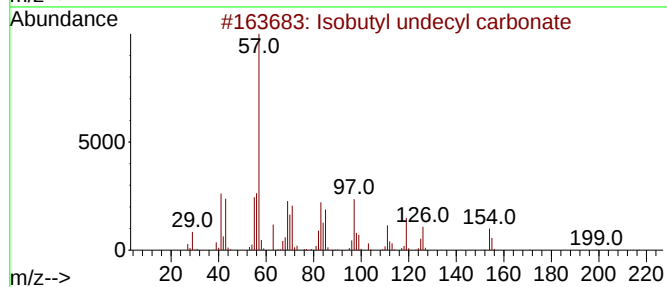
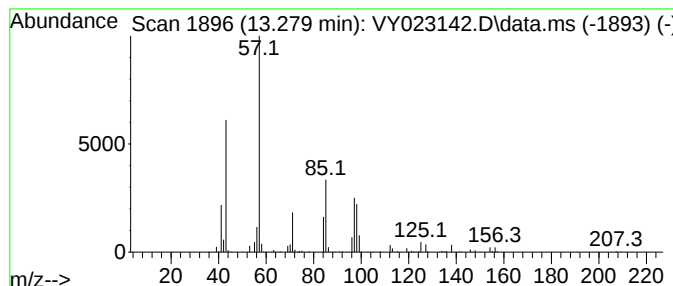
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Quant Title : SW846 8260

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

Peak Number 6 Isobutyl undecyl carbonate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.279	9.09 ug/l	589885	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	53
2			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
4			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	35
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

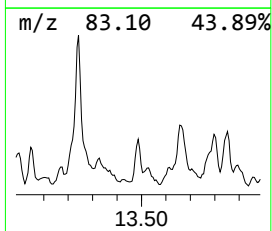
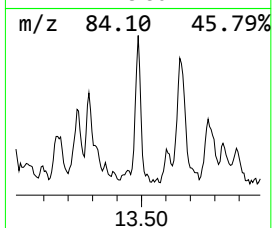
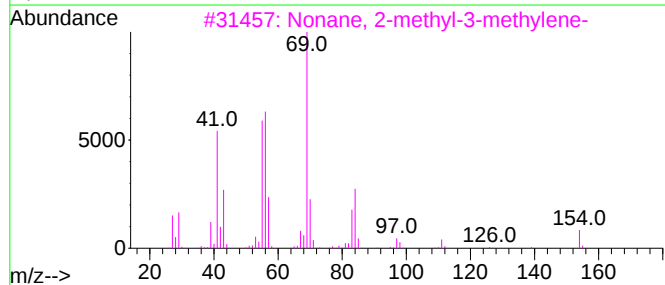
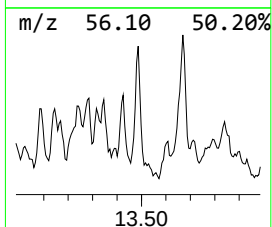
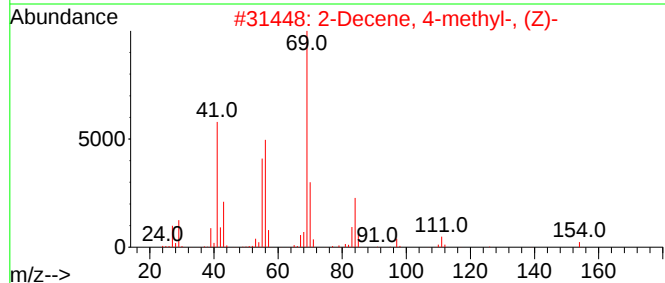
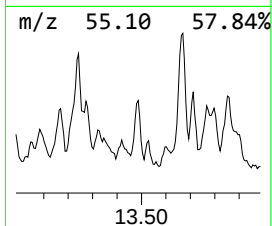
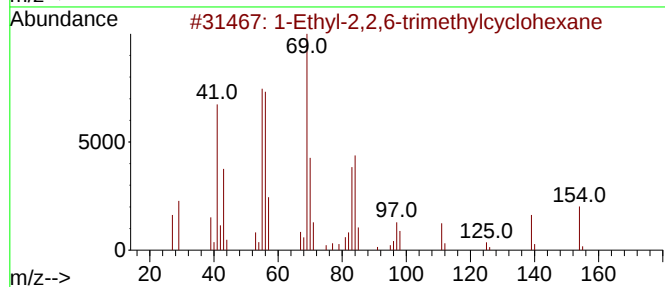
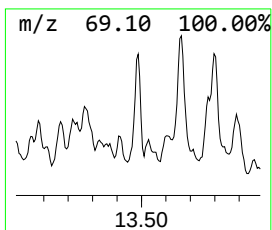
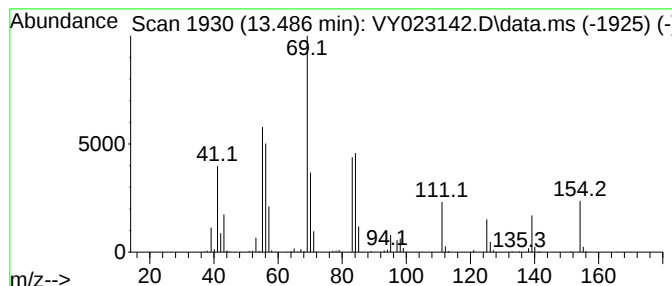
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Quant Title : SW846 8260

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

Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.486	8.38 ug/l	544264	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	78
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	72
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
5			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

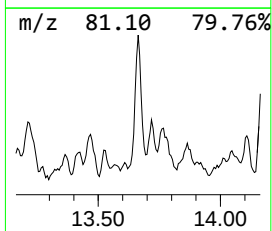
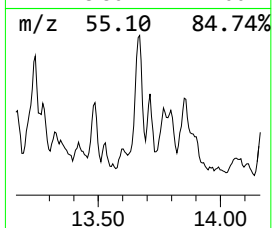
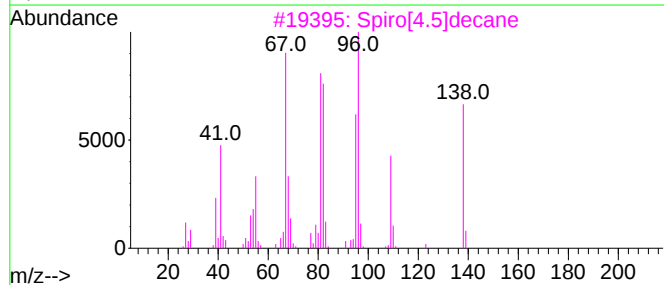
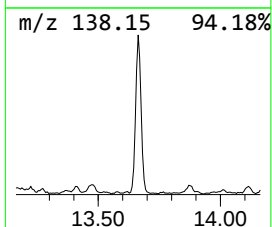
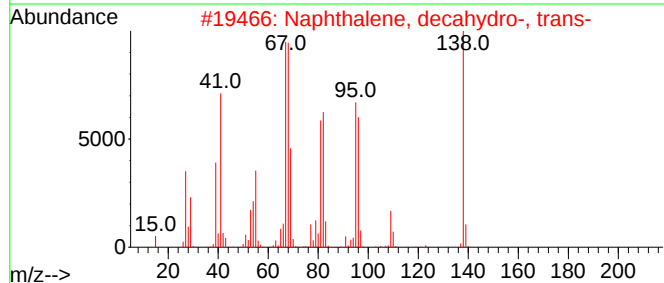
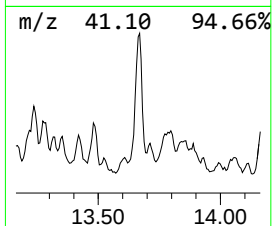
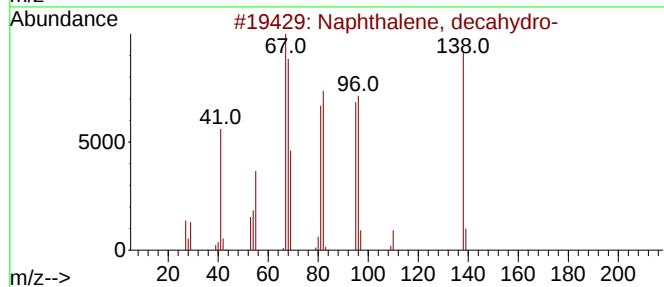
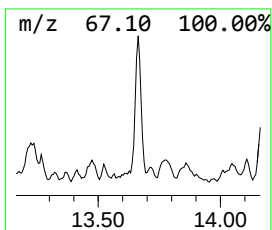
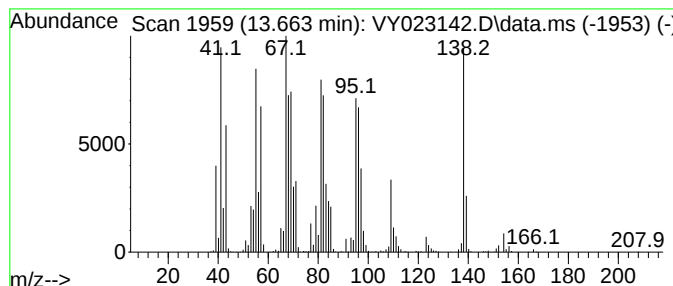
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	26.33 ug/l	1709450	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	92
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
3			Spiro[4.5]decane	138	C10H18	000176-63-6	70
4			Cyclodecene	138	C10H18	003618-12-0	62
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

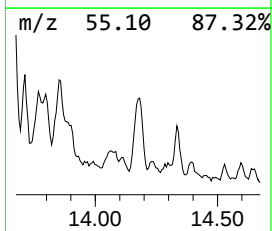
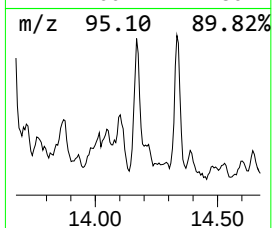
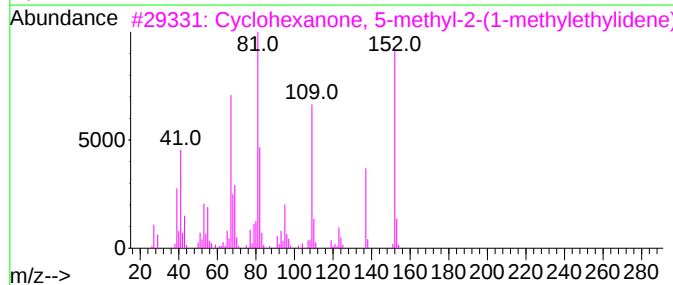
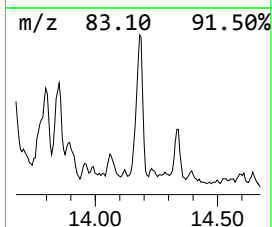
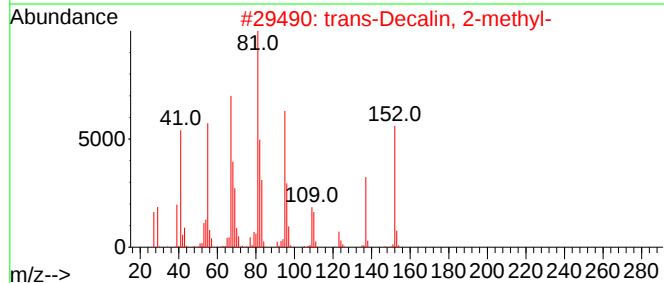
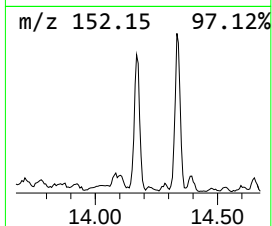
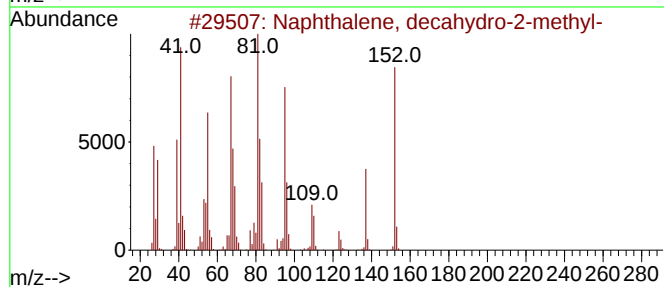
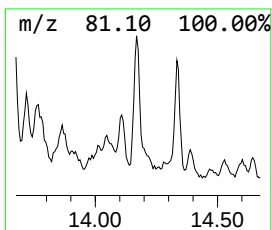
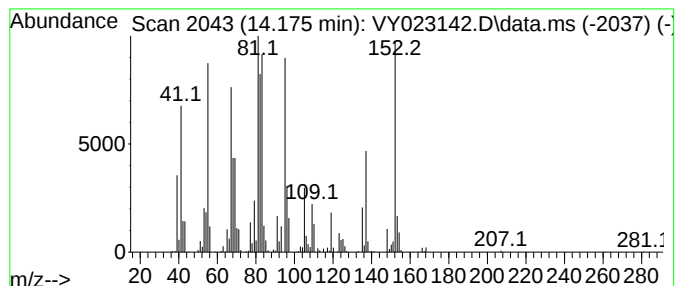
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	17.51 ug/l	1136810	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	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
5			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-S

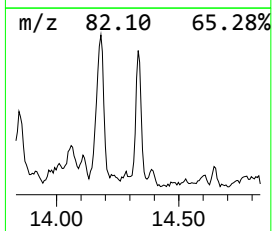
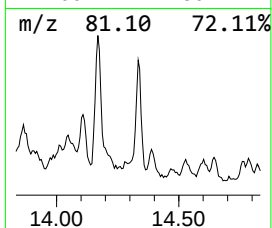
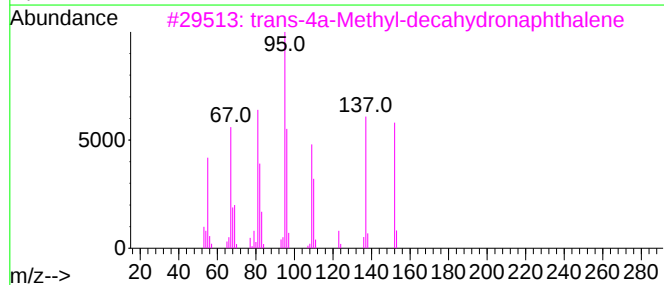
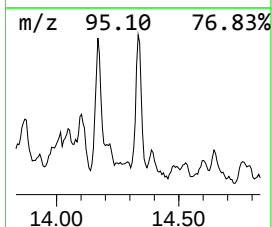
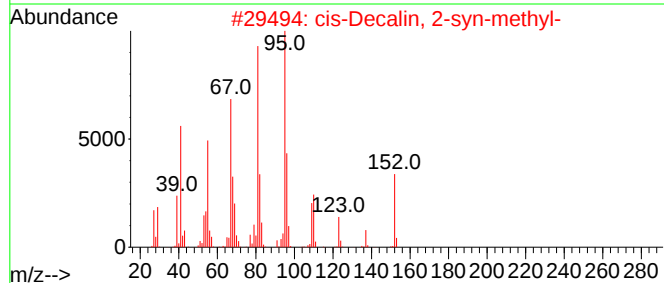
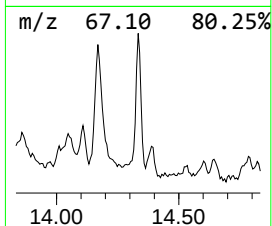
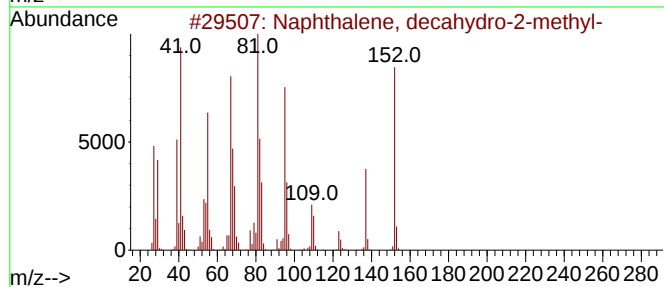
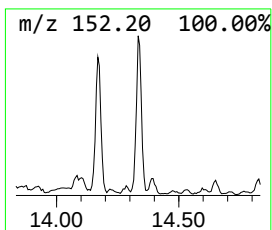
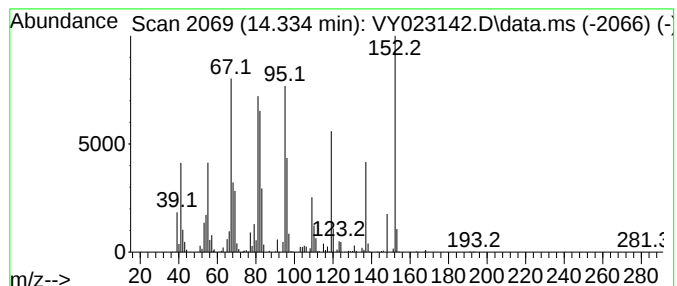
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 10 cis-Decalin, 2-syn-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	8.52 ug/l	552949	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	83
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	60
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
Data File : VY023142.D
Acq On : 19 Aug 2025 11:44
Operator : SY/MD
Sample : Q2820-15
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10P-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
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unknown12.651	12.651	9.5	ug/l	618696	4	13.346	3245840	50.0
unknown12.730	12.730	20.6	ug/l	1335290	4	13.346	3245840	50.0
3,4-Dimethylpen...	12.962	12.6	ug/l	817526	4	13.346	3245840	50.0
Cyclohexane, (2...	13.236	18.5	ug/l	1199950	4	13.346	3245840	50.0
Isobutyl undecy...	13.279	9.1	ug/l	589885	4	13.346	3245840	50.0
1-Ethyl-2,2,6-t...	13.486	8.4	ug/l	544264	4	13.346	3245840	50.0
Naphthalene, de...	13.663	26.3	ug/l	1709450	4	13.346	3245840	50.0
Naphthalene, de...	14.175	17.5	ug/l	1136810	4	13.346	3245840	50.0
cis-Decalin, 2-...	14.334	8.5	ug/l	552949	4	13.346	3245840	50.0