

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020206.D
 Acq On : 07 Nov 2024 14:57
 Operator : SY/MD
 Sample : P4722-11
 Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3(5)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M

Title : SW846 8260

Signal : TIC: VY020206.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	342	354	368	rBV	32278	94069	1.01%	0.090%
2	7.634	960	970	976	rBV	151360	367680	3.94%	0.351%
3	7.707	976	982	993	rVB	208928	478770	5.13%	0.457%
4	8.061	1030	1040	1052	rBV	161850	357775	3.84%	0.342%
5	8.616	1121	1131	1144	rBV	385211	759701	8.15%	0.725%
6	10.103	1368	1375	1386	rBV	616944	1066787	11.44%	1.019%
7	10.408	1415	1425	1429	rBV2	73424	140172	1.50%	0.134%
8	10.896	1501	1505	1518	rBV3	59036	124283	1.33%	0.119%
9	11.072	1528	1534	1538	rBV	137883	238504	2.56%	0.228%
10	11.219	1553	1558	1568	rVB	105036	212888	2.28%	0.203%
11	11.414	1582	1590	1600	rBV	650681	1132340	12.14%	1.081%
12	11.609	1616	1622	1630	rBV3	132503	312912	3.36%	0.299%
13	11.767	1641	1648	1652	rBV3	119609	271944	2.92%	0.260%
14	11.822	1652	1657	1661	rVB	204828	373488	4.00%	0.357%
15	11.908	1666	1671	1679	rVV4	405535	954943	10.24%	0.912%
16	11.981	1679	1683	1686	rVV2	163285	268401	2.88%	0.256%
17	12.011	1686	1688	1696	rVB3	181621	320354	3.43%	0.306%
18	12.084	1696	1700	1702	rBV	128343	188248	2.02%	0.180%
19	12.127	1702	1707	1716	rVB5	385070	1142614	12.25%	1.091%
20	12.231	1716	1724	1733	rBV5	333777	945363	10.14%	0.903%
21	12.347	1739	1743	1747	rVB2	208950	305048	3.27%	0.291%
22	12.402	1747	1752	1758	rVB3	603234	1021696	10.95%	0.976%
23	12.499	1758	1768	1770	rBV6	402426	1104032	11.84%	1.054%
24	12.651	1785	1793	1800	rBV5	798829	2075564	22.25%	1.982%
25	12.725	1800	1805	1809	rBV5	470388	1091306	11.70%	1.042%
26	12.871	1825	1829	1834	rVB4	682578	1105269	11.85%	1.055%
27	12.987	1836	1848	1854	rBV6	628040	1958597	21.00%	1.870%
28	13.054	1854	1859	1862	rBV2	599437	930725	9.98%	0.889%
29	13.090	1862	1865	1868	rBV	348981	553730	5.94%	0.529%
30	13.176	1875	1879	1881	rBV4	304905	404616	4.34%	0.386%
31	13.218	1882	1886	1892	rVB4	926234	1626804	17.44%	1.553%
32	13.273	1892	1895	1900	rBV3	644749	1070778	11.48%	1.022%
33	13.340	1901	1906	1914	rVB5	739252	2064945	22.14%	1.972%
34	13.414	1914	1918	1921	rBV2	447172	700694	7.51%	0.669%
35	13.529	1933	1937	1940	rBV3	323707	437917	4.70%	0.418%
36	13.560	1940	1942	1945	rVB3	240633	265465	2.85%	0.253%

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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37	13.609	1946	1950	1952	rBV3	410171	686747	7.36%	0.656%
38	13.663	1953	1959	1966	rVV2	3417238	6149502	65.94%	5.872%
39	13.737	1967	1971	1974	rBV4	393579	788494	8.45%	0.753%
40	13.779	1975	1978	1983	rVB4	897602	1483294	15.90%	1.416%
41	13.846	1983	1989	1993	rBV4	811377	2181035	23.39%	2.083%
42	13.993	2010	2013	2017	rVB3	611035	828921	8.89%	0.791%
43	14.066	2018	2025	2030	rBV6	1306013	2724069	29.21%	2.601%
44	14.121	2030	2034	2038	rVB4	715722	1183960	12.69%	1.130%
45	14.176	2038	2043	2049	rBV	5242519	8523936	91.39%	8.139%
46	14.285	2058	2061	2065	rBV4	503108	707455	7.59%	0.675%
47	14.340	2065	2070	2075	rBV2	6261216	9326537	100.00%	8.905%
48	14.395	2075	2079	2084	rVB4	1264247	2035661	21.83%	1.944%
49	14.468	2087	2091	2094	rBV2	1274516	1971945	21.14%	1.883%
50	14.541	2099	2103	2108	rVB4	1047195	1661750	17.82%	1.587%
51	14.608	2109	2114	2117	rBV5	1099473	2056046	22.05%	1.963%
52	14.651	2117	2121	2127	rVB2	3181150	5237465	56.16%	5.001%
53	14.724	2130	2133	2136	rBV4	703112	1090953	11.70%	1.042%
54	14.767	2136	2140	2142	rBV	2082302	2877782	30.86%	2.748%
55	14.919	2159	2165	2168	rBV3	1137922	2420656	25.95%	2.311%
56	15.035	2181	2184	2192	rVB6	1533195	3165964	33.95%	3.023%
57	15.181	2204	2208	2213	rVB4	1398420	2628692	28.19%	2.510%
58	15.255	2214	2220	2231	rVB8	1873866	7966733	85.42%	7.607%
59	15.346	2231	2235	2243	rBV5	1579652	3491685	37.44%	3.334%
60	15.511	2257	2262	2267	rVB2	2494630	4515160	48.41%	4.311%
61	16.358	2398	2401	2416	rVB10	858715	2558263	27.43%	2.443%

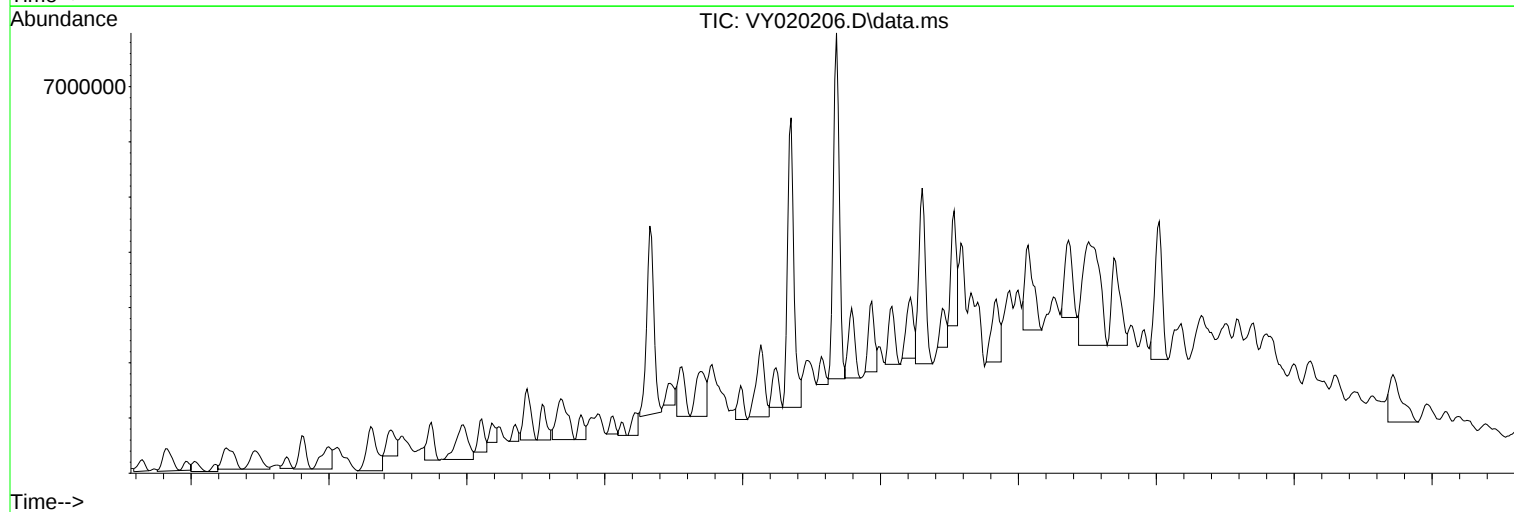
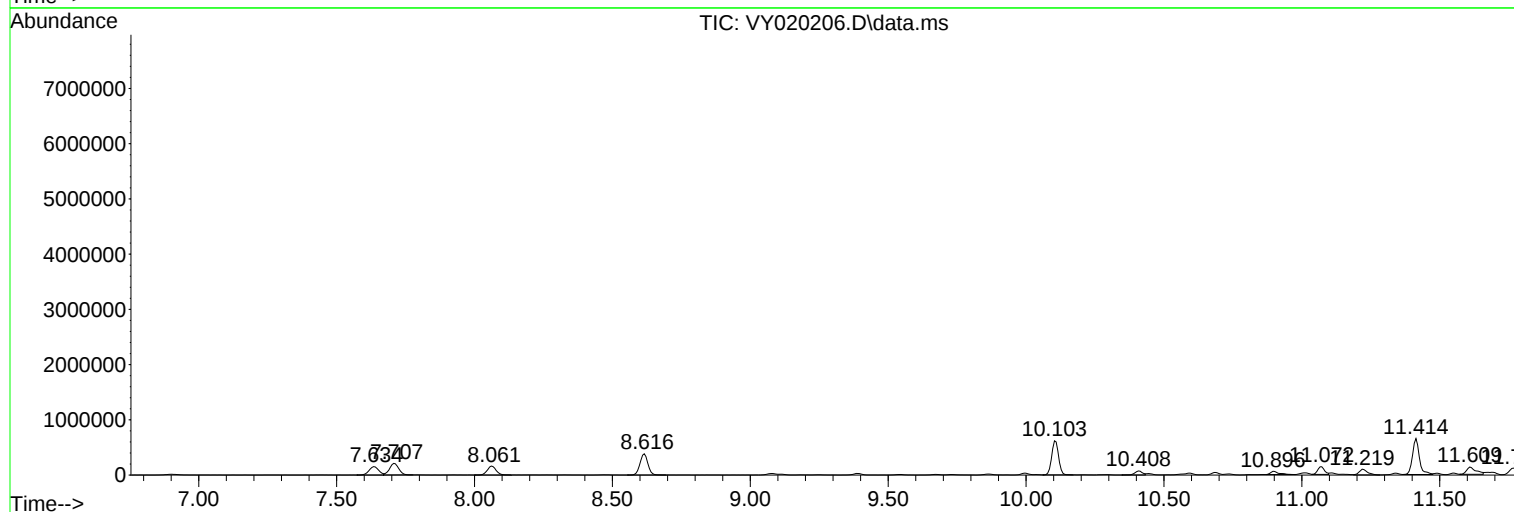
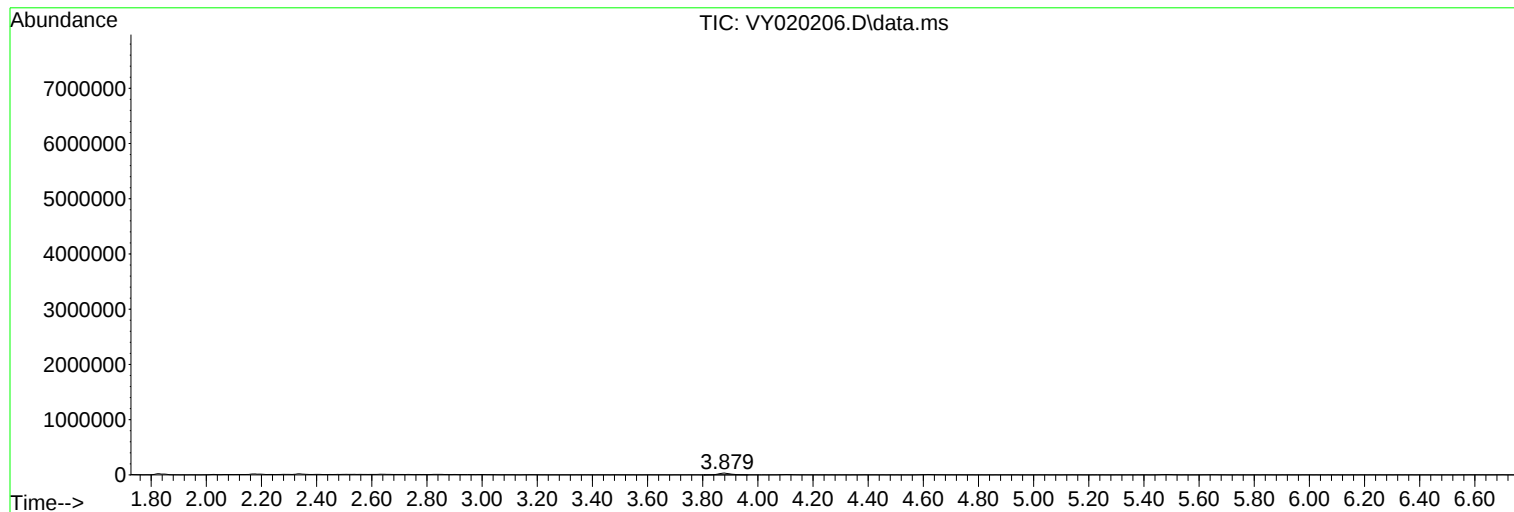
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WC-3(5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

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



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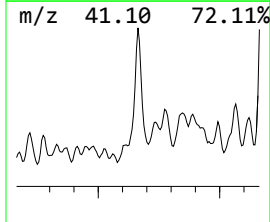
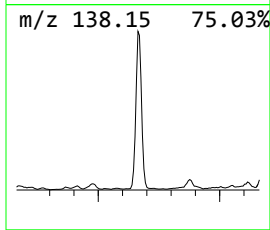
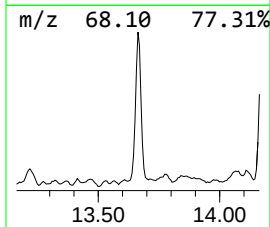
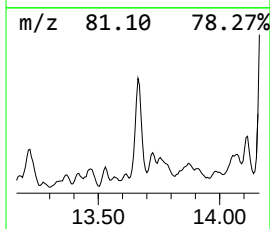
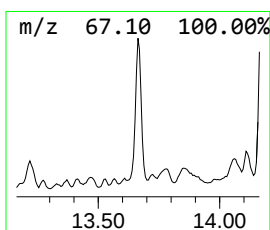
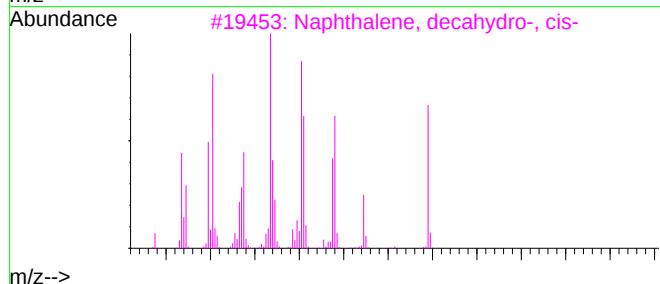
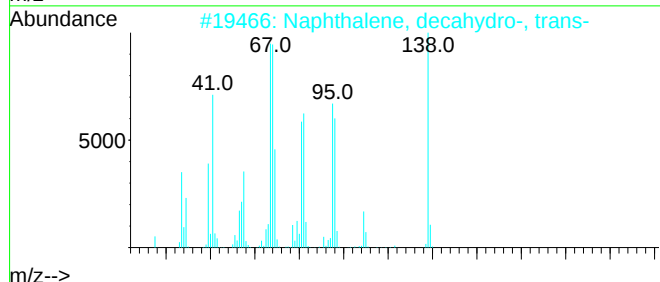
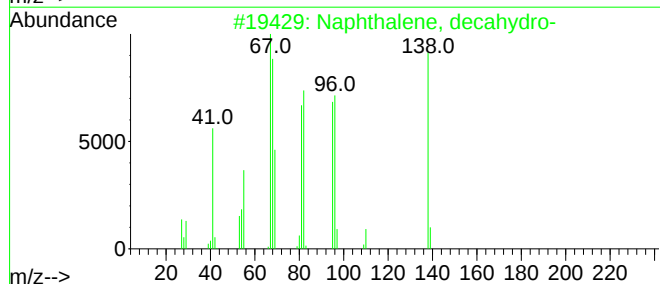
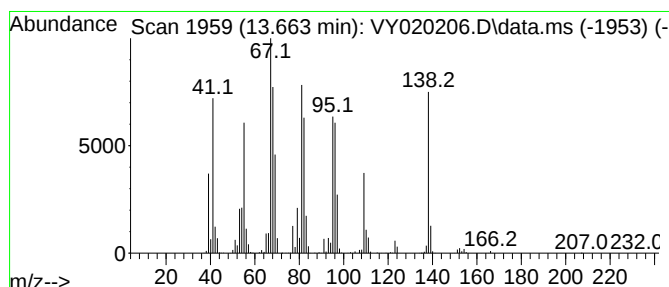
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.664	148.90 ug/l	6149500	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	81
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	80



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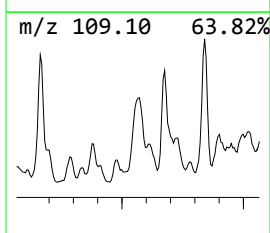
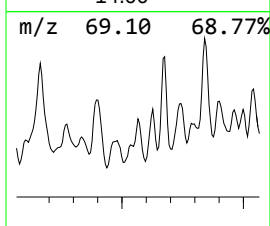
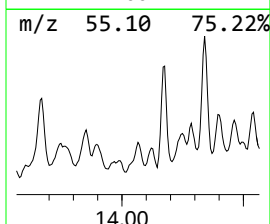
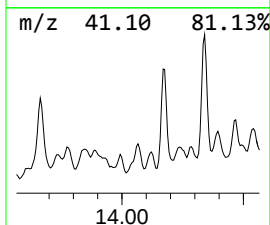
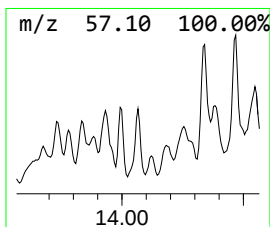
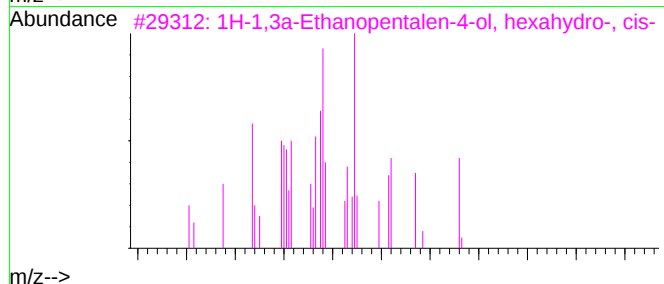
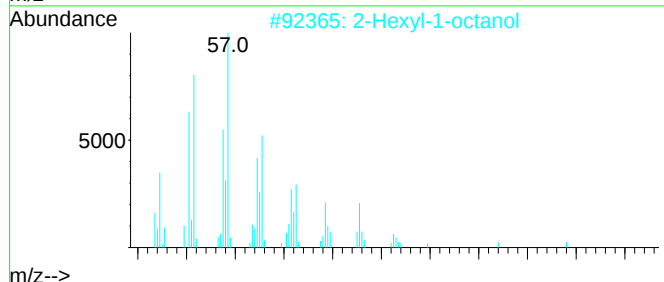
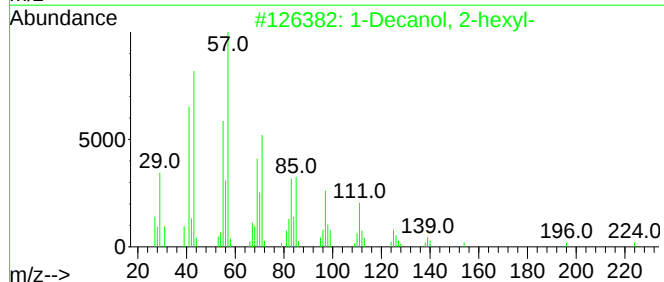
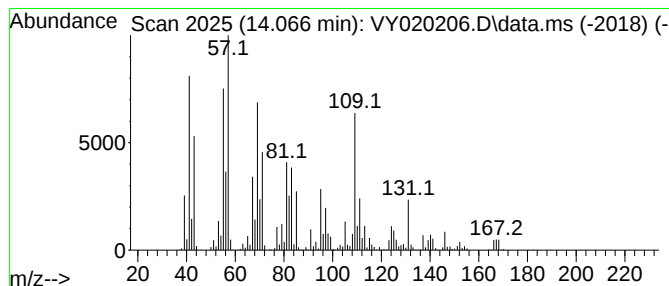
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown14.066 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.066	65.96 ug/l	2724070	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	38
3	1H-1,3a-Ethanopentalen-4-ol, hex...	152	C10H16O	117221-75-7	30
4	17-Pentatriacontene	491	C35H70	006971-40-0	30
5	Trichloroacetic acid, undec-10-e...	314	C13H21Cl3O2	1000280-51-3	30



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ALS Vial : 12 Sample Multiplier: 1

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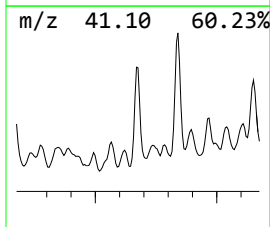
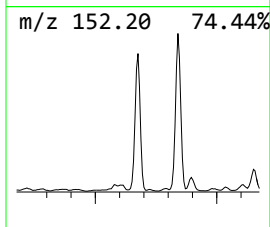
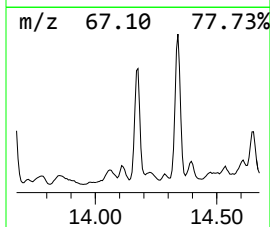
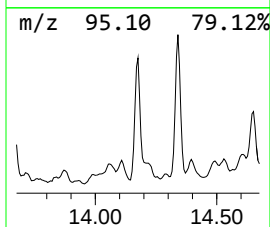
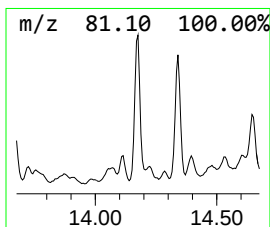
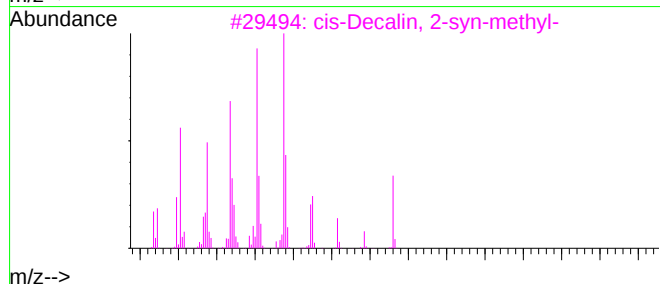
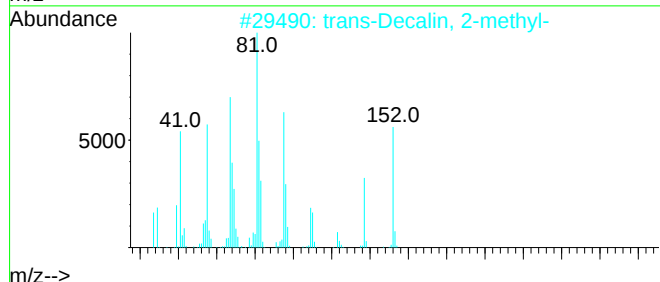
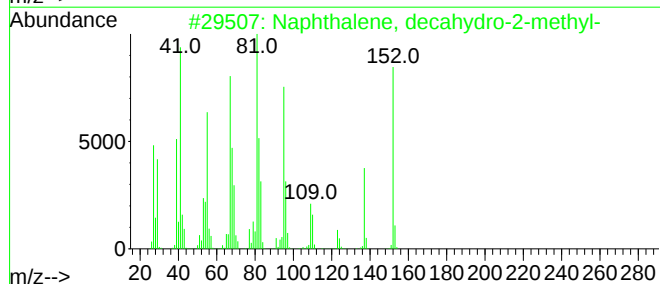
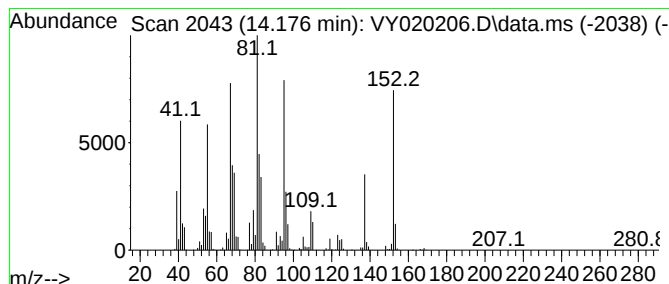
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	206.40 ug/l	8523940	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
4	Pulegone	152	C10H16O	000089-82-7	76
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	68



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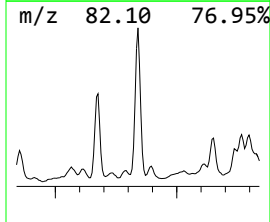
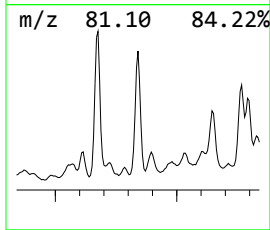
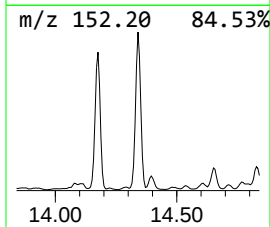
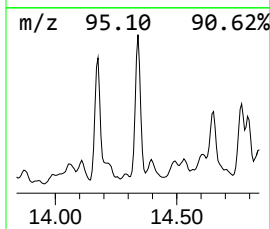
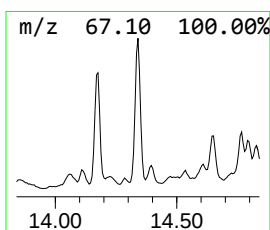
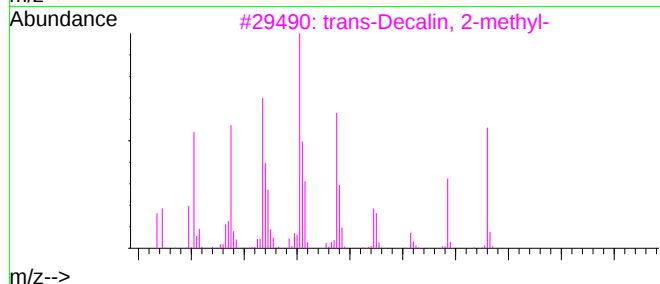
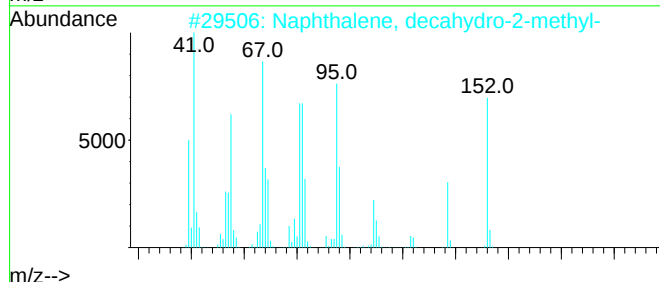
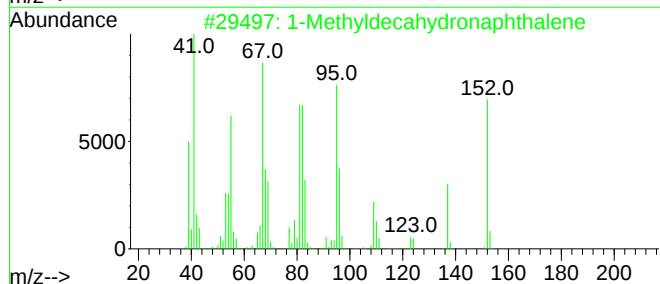
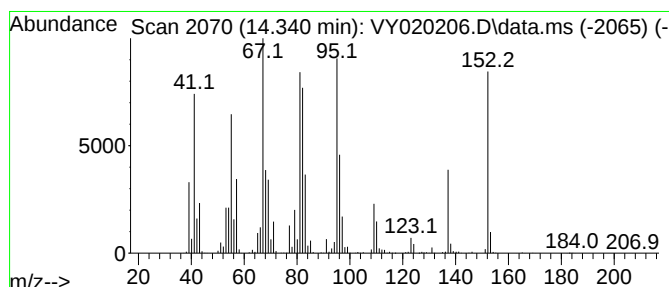
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Methyldecahydronaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.340	225.83 ug/l	9326540	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	60
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

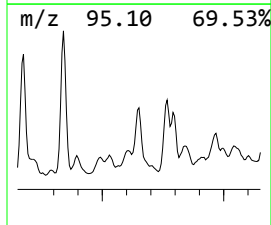
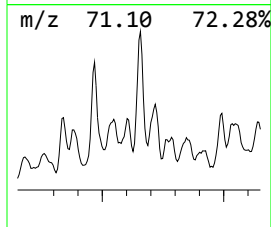
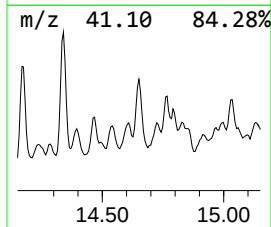
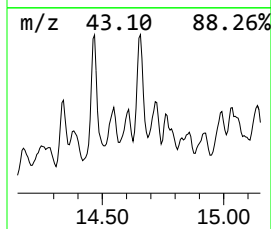
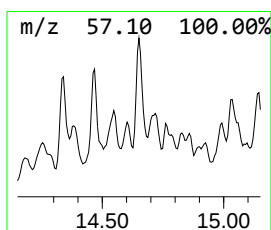
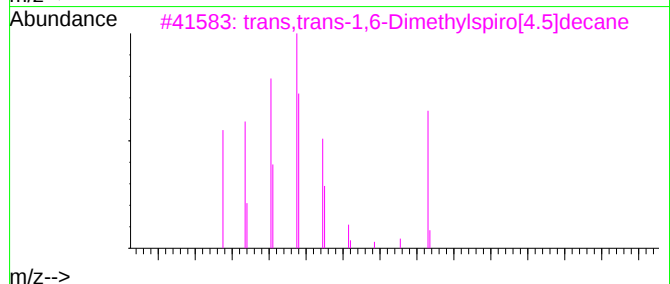
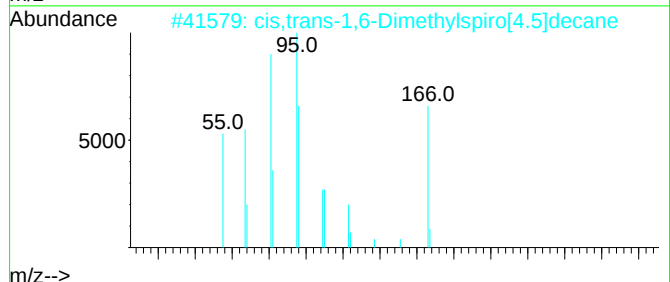
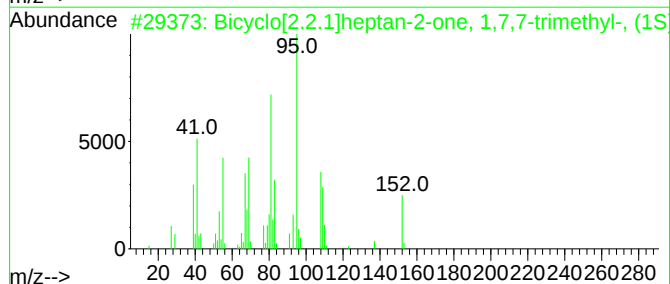
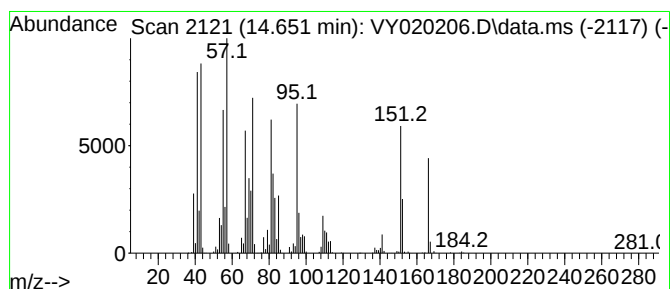
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.651 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	126.82 ug/l	5237470	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	45
3	trans,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-1	43
4	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	41
5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

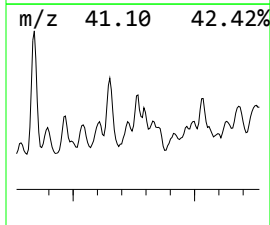
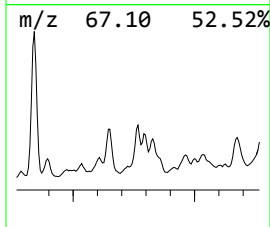
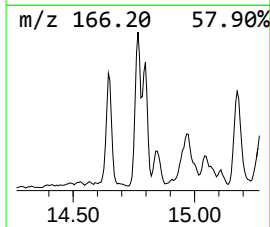
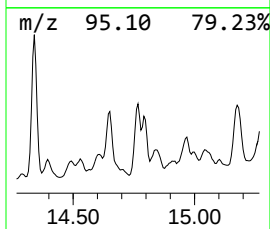
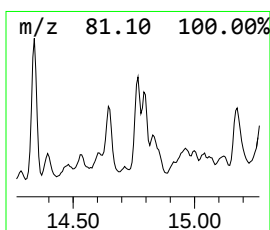
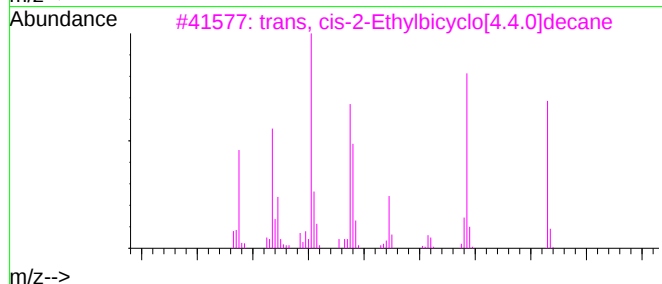
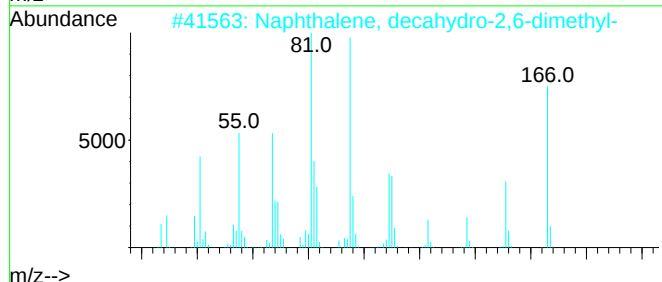
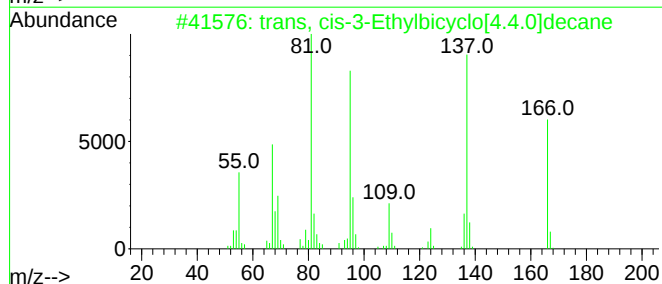
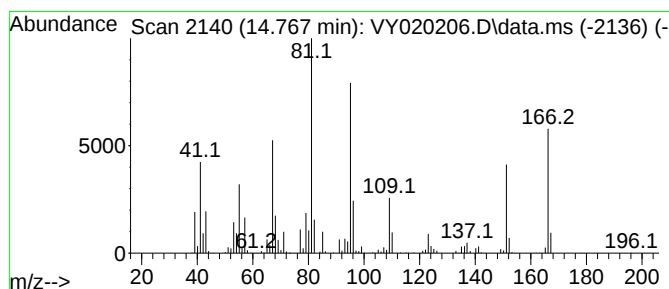
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 trans, cis-3-Ethylbicyclo[4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.767	69.68 ug/l	2877780	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	91
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	87
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	72
4	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	46
5	trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

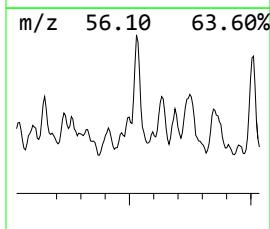
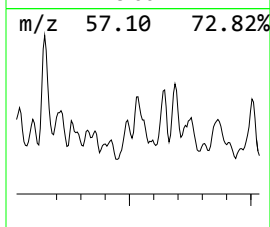
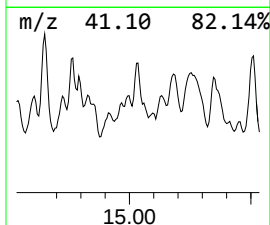
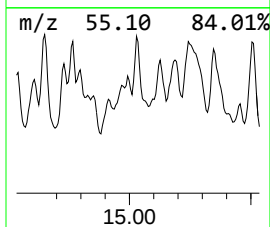
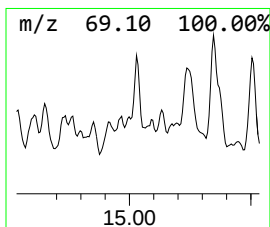
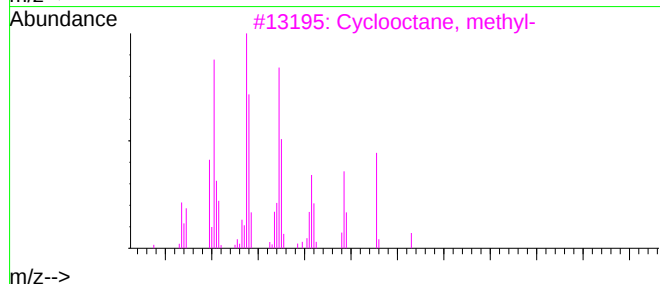
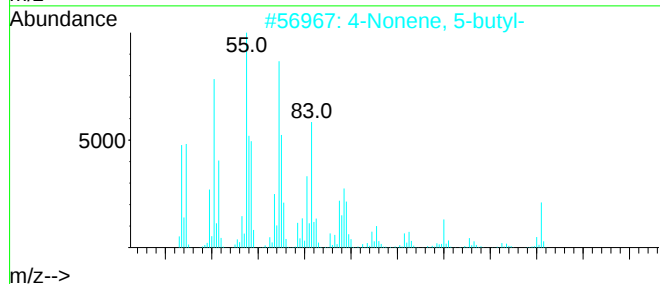
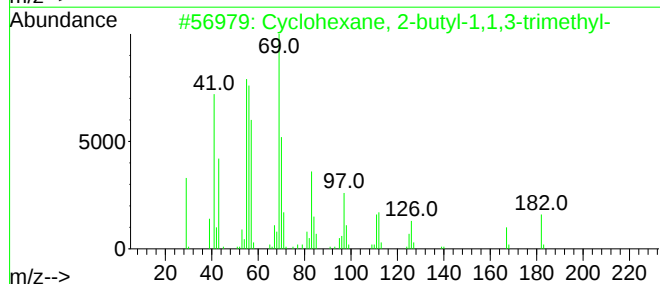
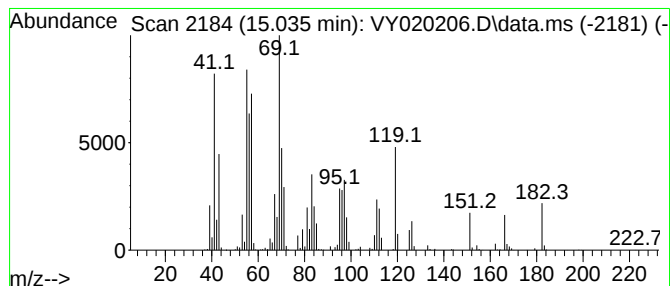
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	76.66 ug/l	3165960	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
2	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	58
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	49
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	46
5	2-Tridecene, (Z)-	182	C13H26	041446-59-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

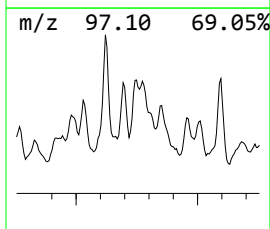
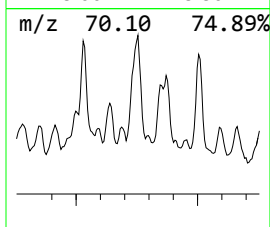
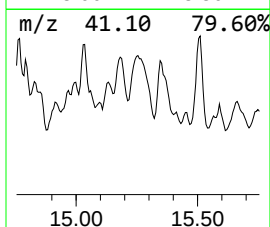
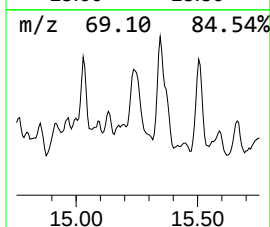
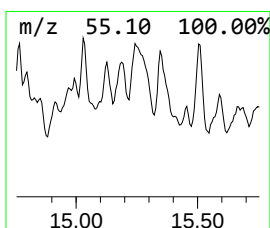
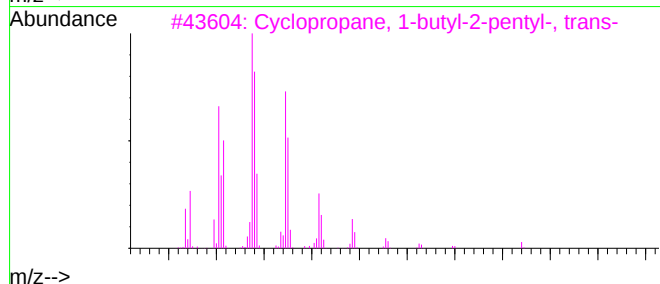
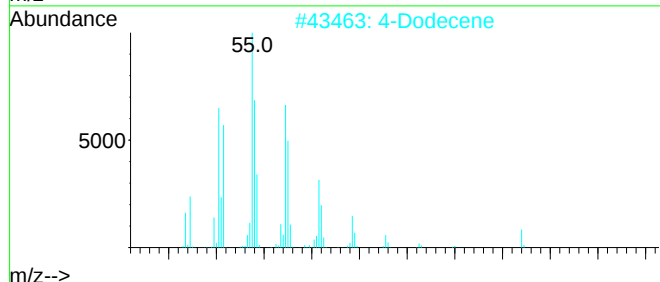
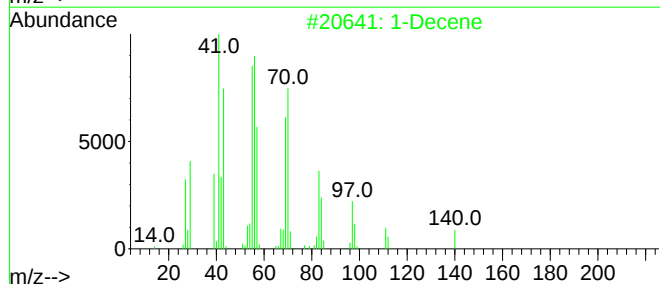
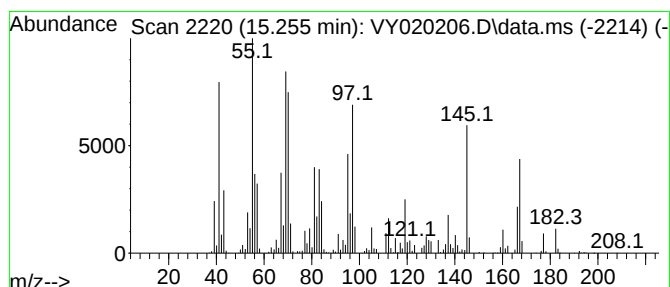
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.255 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.255	192.90 ug/l	7966730	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	49
2	4-Dodecene	168	C12H24	002030-84-4	49
3	Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	46
4	Cyclopropane, 1-hexyl-2-propyl-,...	168	C12H24	074630-58-3	46
5	3-Tridecene, (E)-	182	C13H26	041446-57-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

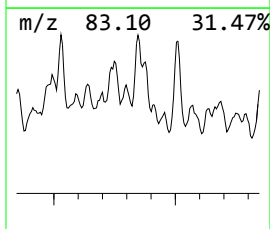
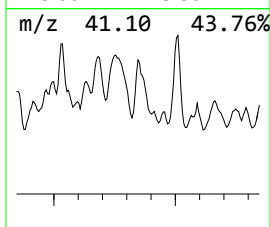
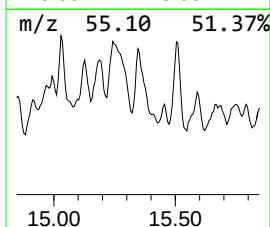
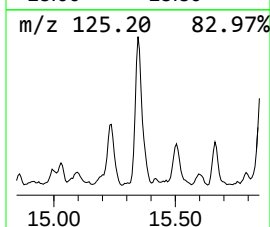
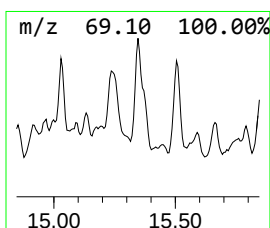
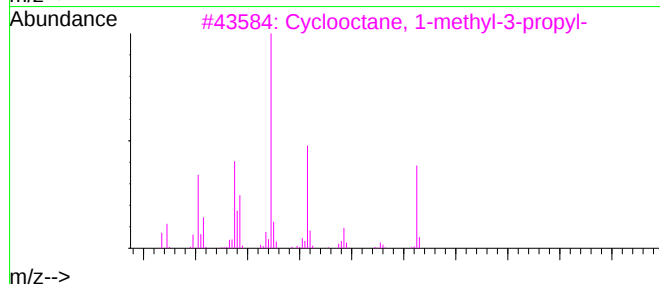
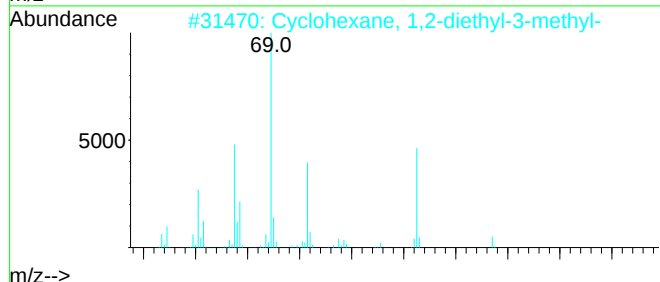
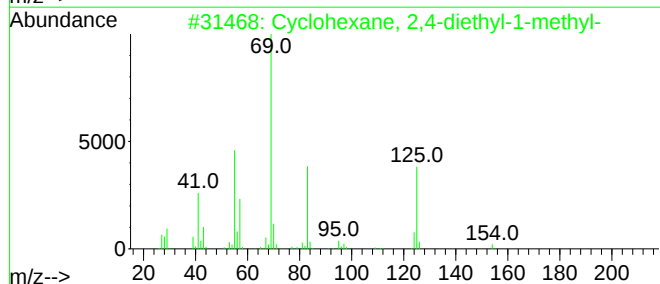
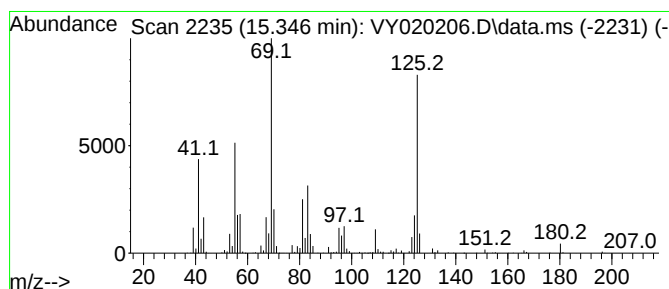
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 2,4-diethyl-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.346	84.55 ug/l	3491690	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	64
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
4	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	64
5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

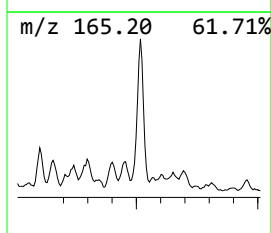
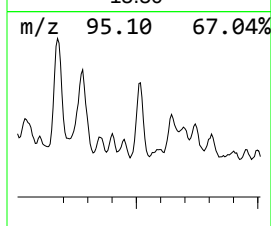
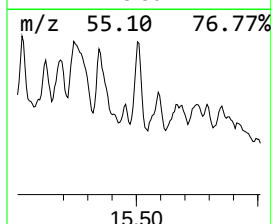
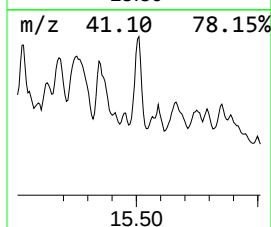
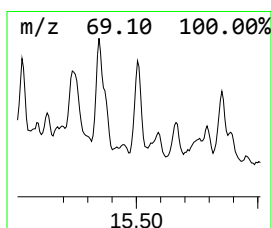
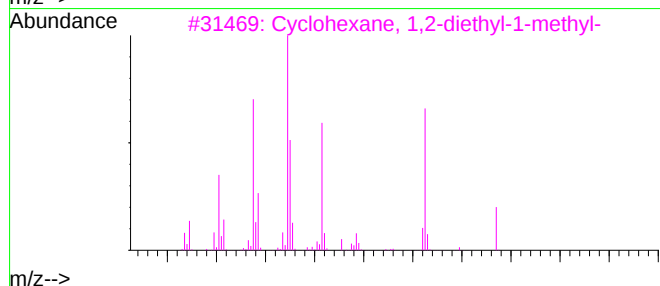
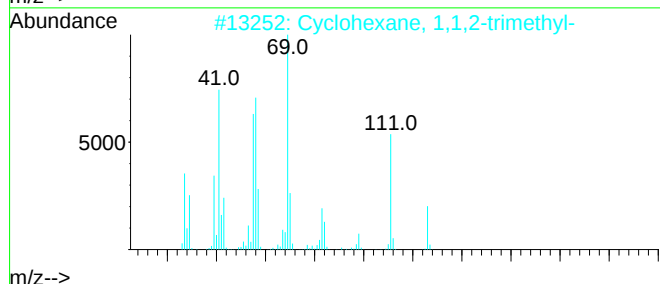
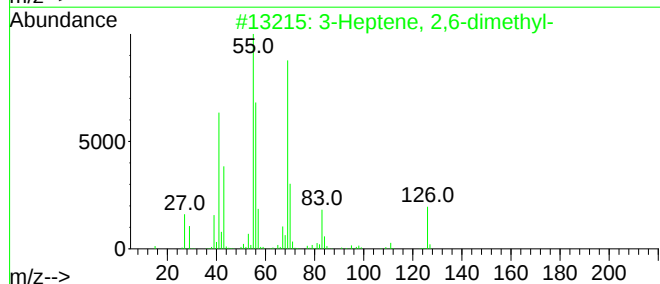
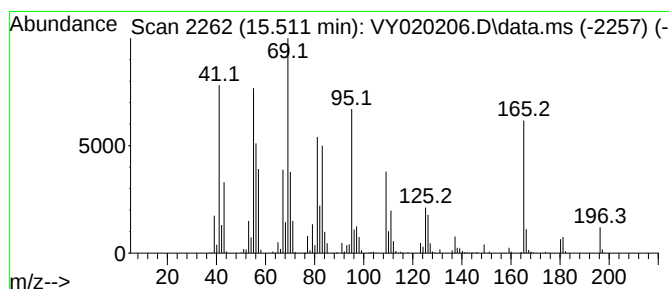
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.511 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.511	109.33 ug/l	4515160	1,4-Dichlorobenzene-d4	13.347

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	35
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
3		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	27
4		Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	25
5		2-Methyl-2-octene	126	C9H18	016993-86-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020206.D
Acq On : 07 Nov 2024 14:57
Operator : SY/MD
Sample : P4722-11
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown14.066	14.066	66.0	ug/l	2724070	4	13.347	2064950	50.0
Naphthalene, de...	14.176	206.4	ug/l	8523940	4	13.347	2064950	50.0
1-Methyldecahyd...	14.340	225.8	ug/l	9326540	4	13.347	2064950	50.0
unknown14.651	14.651	126.8	ug/l	5237470	4	13.347	2064950	50.0
trans, cis-3-Et...	14.767	69.7	ug/l	2877780	4	13.347	2064950	50.0
Cyclohexane, 2-...	15.035	76.7	ug/l	3165960	4	13.347	2064950	50.0
unknown15.255	15.255	192.9	ug/l	7966730	4	13.347	2064950	50.0
Cyclohexane, 2,...	15.346	84.5	ug/l	3491690	4	13.347	2064950	50.0
unknown15.511	15.511	109.3	ug/l	4515160	4	13.347	2064950	50.0