

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022466.D
 Acq On : 29 May 2025 14:46
 Operator : SY/MD
 Sample : Q2150-07
 Misc : 7.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-51

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\82Y052725S.M
 Title : SW846 8260

Signal : TIC: VY022466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	13	17	25	rBV4	6558	15889	1.01%	0.188%
2	2.086	44	60	62	rBV4	8870	24786	1.57%	0.294%
3	2.172	71	74	83	rBV4	8333	19856	1.26%	0.235%
4	2.342	97	102	107	rBV	10526	18698	1.18%	0.222%
5	2.495	120	127	128	rBV3	12458	21890	1.39%	0.259%
6	2.635	147	150	160	rVB2	13129	26103	1.65%	0.309%
7	3.879	344	354	365	rBV	14891	45664	2.89%	0.541%
8	4.238	405	413	424	rVB5	5834	17403	1.10%	0.206%
9	4.622	466	476	489	rBV4	17481	60252	3.81%	0.714%
10	7.640	960	971	977	rBV	216474	521698	33.01%	6.181%
11	7.713	977	983	993	rVB	364439	807387	51.09%	9.566%
12	8.067	1030	1041	1057	rBV2	234652	571116	36.14%	6.767%
13	8.616	1122	1131	1144	rBV	604092	1163584	73.63%	13.787%
14	10.109	1368	1376	1384	rBV	927186	1580295	100.00%	18.724%
15	10.170	1384	1386	1399	rVB2	14022	23016	1.46%	0.273%
16	11.420	1583	1591	1603	rBV	740922	1204594	76.23%	14.272%
17	11.518	1603	1607	1612	rBV2	10353	16025	1.01%	0.190%
18	11.633	1620	1626	1633	rVB	27524	48005	3.04%	0.569%
19	11.963	1674	1680	1686	rBV6	11275	27747	1.76%	0.329%
20	12.255	1722	1728	1733	rBV	44823	70149	4.44%	0.831%
21	12.408	1746	1753	1764	rBV	464480	743357	47.04%	8.808%
22	12.597	1777	1784	1790	rBV2	6229	16526	1.05%	0.196%
23	12.694	1795	1800	1804	rVV	48601	74614	4.72%	0.884%
24	12.901	1827	1834	1842	rVB3	28131	60204	3.81%	0.713%
25	13.157	1870	1876	1882	rBV6	13858	32945	2.08%	0.390%
26	13.292	1895	1898	1901	rBV4	12842	18613	1.18%	0.221%
27	13.346	1901	1907	1916	rVB	437101	663717	42.00%	7.864%
28	13.548	1936	1940	1944	rVB	22015	29169	1.85%	0.346%
29	13.596	1944	1948	1955	rVB2	15486	29558	1.87%	0.350%
30	13.731	1964	1970	1979	rVB4	16786	41728	2.64%	0.494%
31	13.822	1979	1985	1989	rBV7	9879	20984	1.33%	0.249%
32	13.889	1990	1996	2001	rBV2	73874	117626	7.44%	1.394%
33	13.950	2001	2006	2010	rVV5	11810	19831	1.25%	0.235%
34	13.999	2010	2014	2019	rVB2	19545	27868	1.76%	0.330%
35	14.188	2040	2045	2053	rBV9	10200	26106	1.65%	0.309%
36	14.322	2061	2067	2074	rVB2	48254	84337	5.34%	0.999%

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ClientSampleId :
TP-51

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\82Y052725S.M
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37	14.486	2089	2094	2098	rBV2	23096	38375	2.43%	0.455%
38	14.968	2168	2173	2179	rVB	55255	88770	5.62%	1.052%
39	15.072	2182	2190	2196	rBV4	11269	21487	1.36%	0.255%

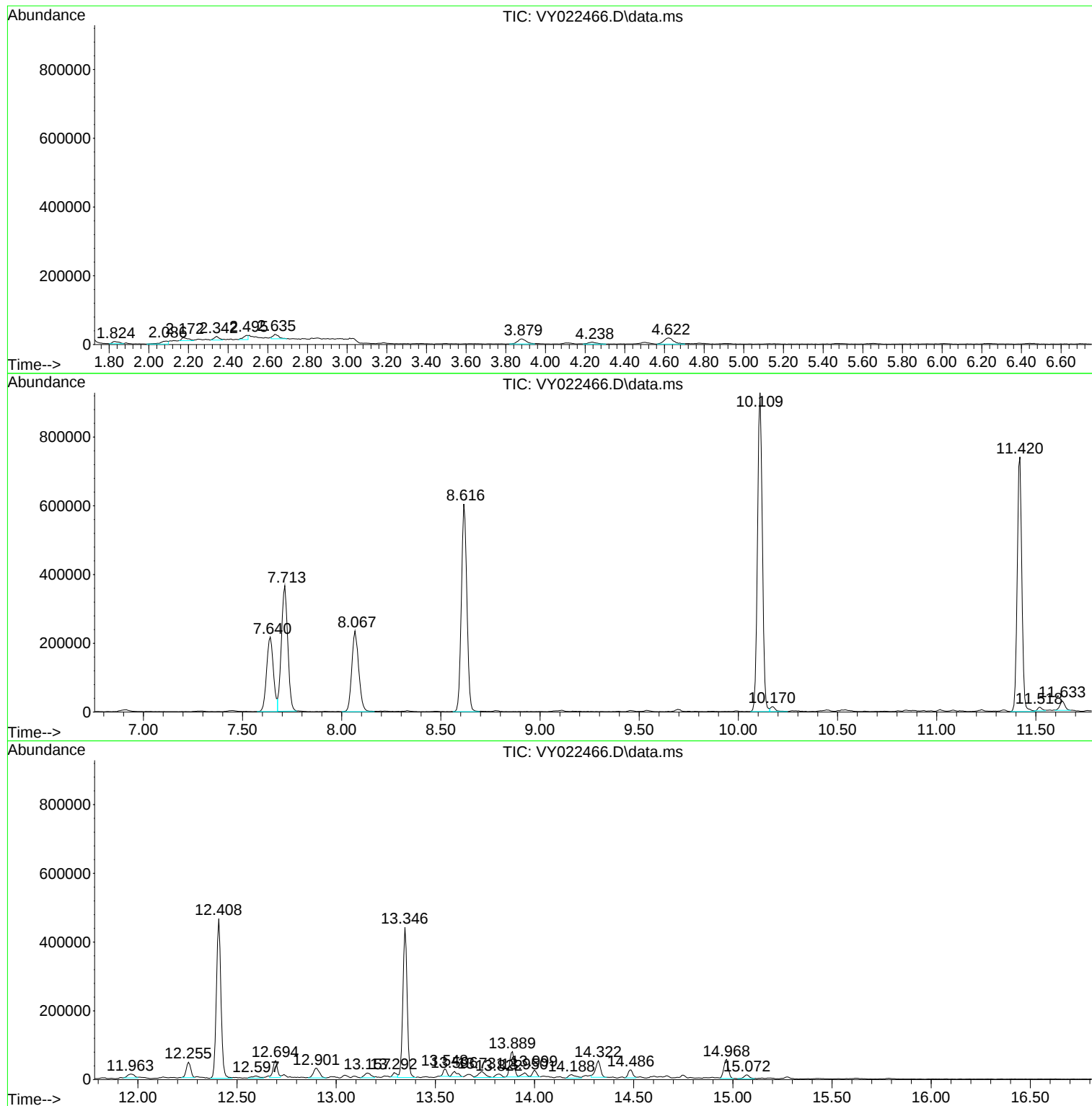
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260

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



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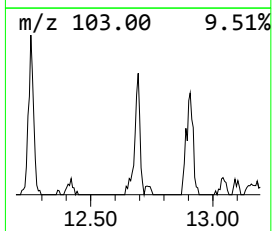
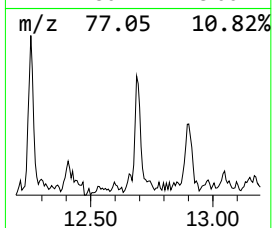
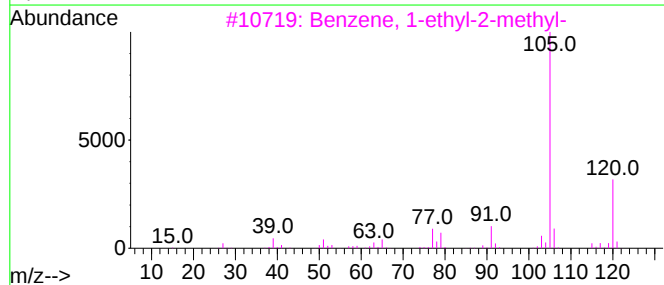
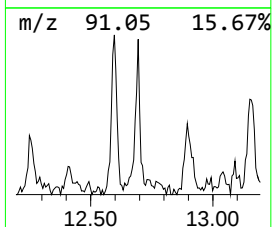
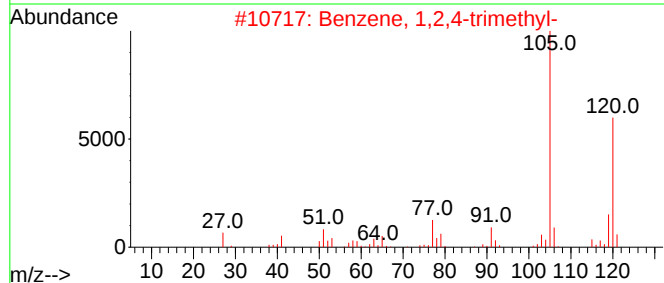
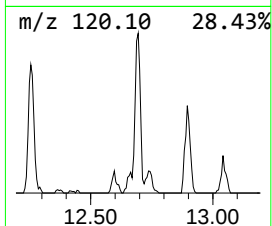
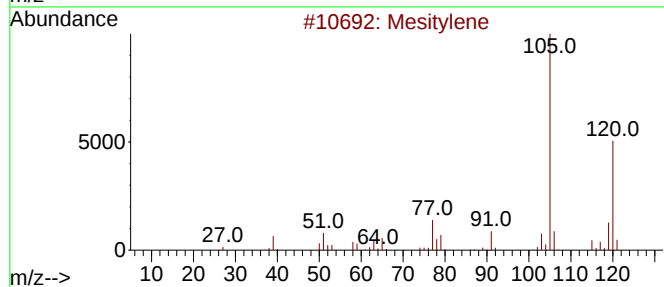
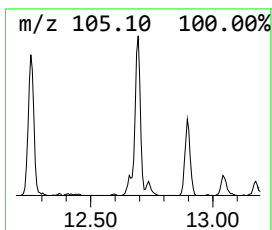
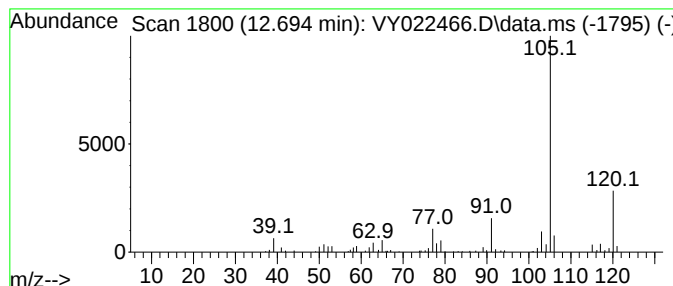
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.694	5.62 ug/l	74614	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	91
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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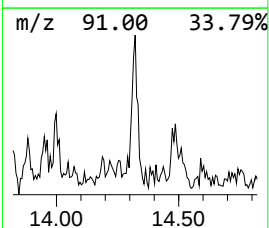
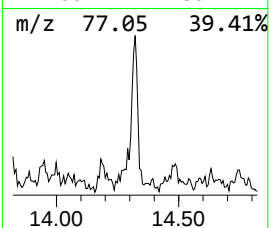
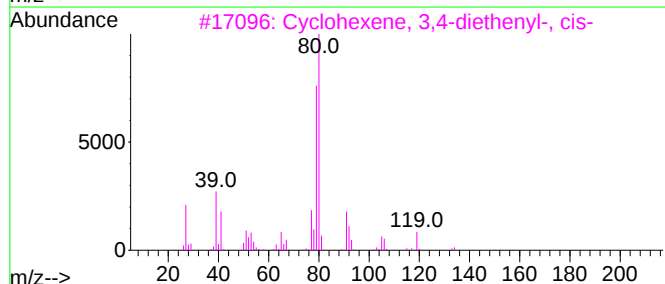
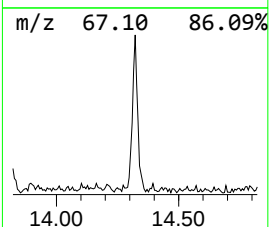
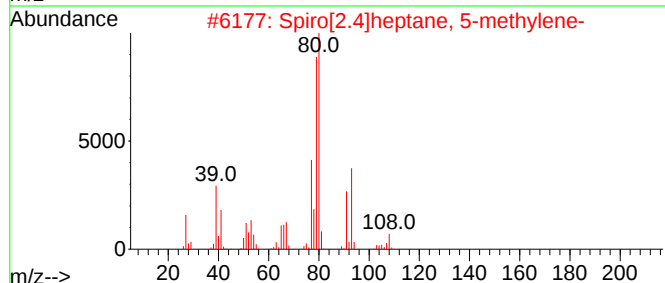
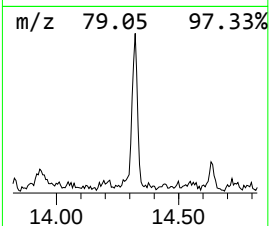
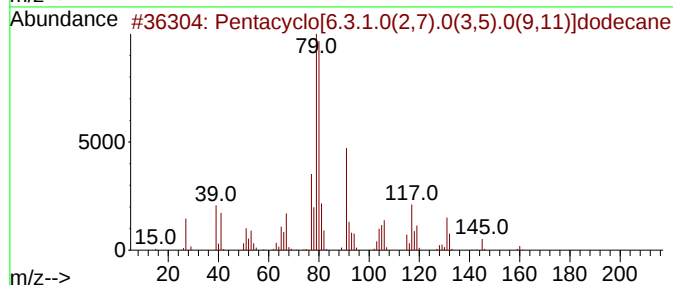
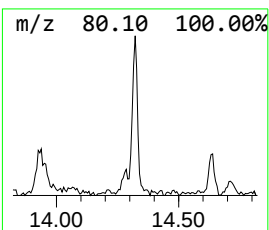
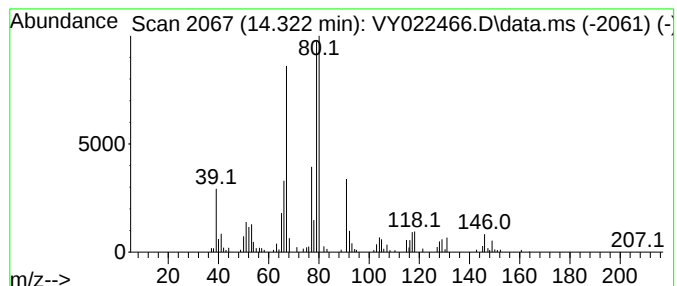
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentacyclo[6.3.1.0(2,7).0(3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	6.35 ug/l	84337	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacyclo[6.3.1.0(2,7).0(3,5).0...	160	C12H16	006049-82-7	70
2			Spiro[2.4]heptane, 5-methylene-	108	C8H12	037745-07-6	53
3			Cyclohexene, 3,4-diethenyl-, cis-	134	C10H14	061222-40-0	50
4			1,4-Cyclohexadiene	80	C6H8	000628-41-1	49
5			1-Hexen-3-yne	80	C6H8	013721-54-5	47



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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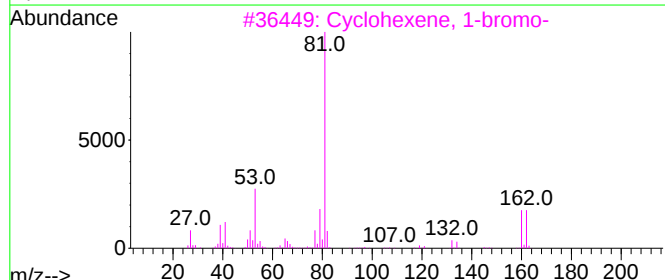
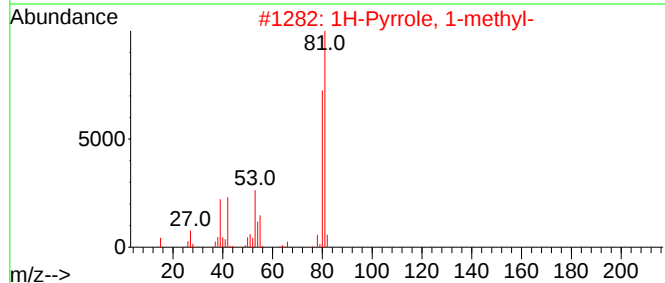
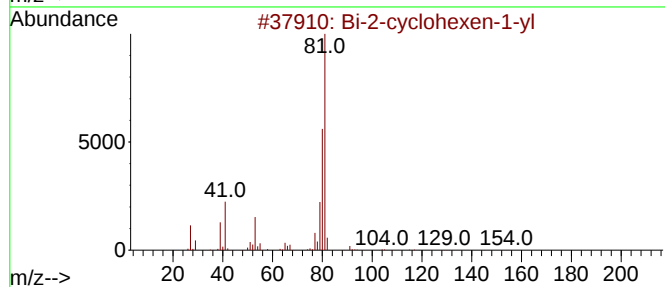
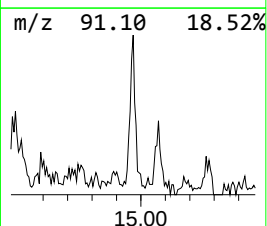
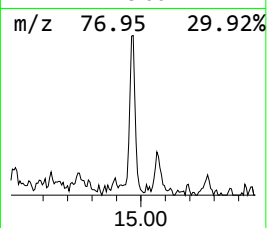
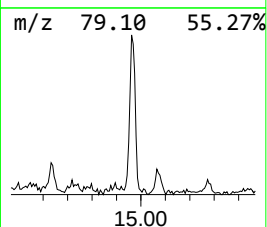
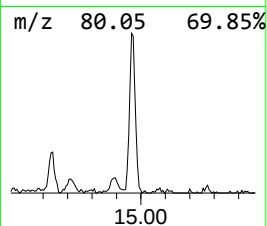
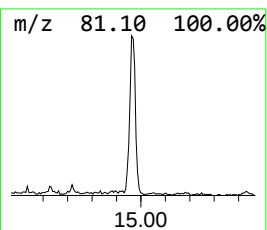
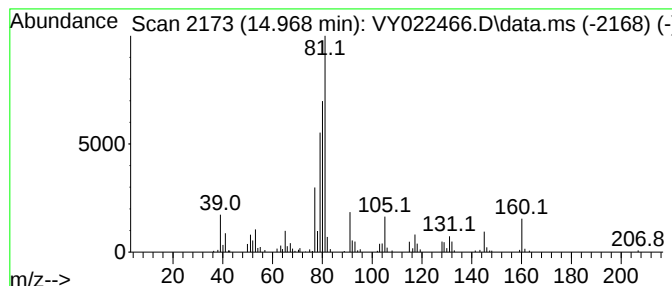
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260

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

Peak Number 4 Bi-2-cyclohexen-1-yl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	6.69 ug/l	88770	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	50
2			1H-Pyrrole, 1-methyl-	81	C5H7N	000096-54-8	43
3			Cyclohexene, 1-bromo-	160	C6H9Br	002044-08-8	38
4			Cyclobutane, 1,2-bis(1,3-butadie...	160	C12H16	080344-53-2	38
5			Pentacyclo[6.3.1.0(2,7).0(3,5).0...	160	C12H16	006049-82-7	35



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Misc : 7.53g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

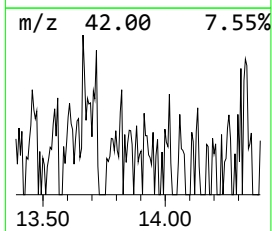
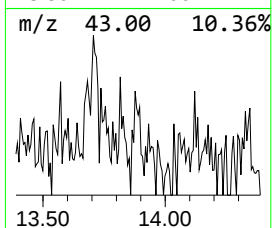
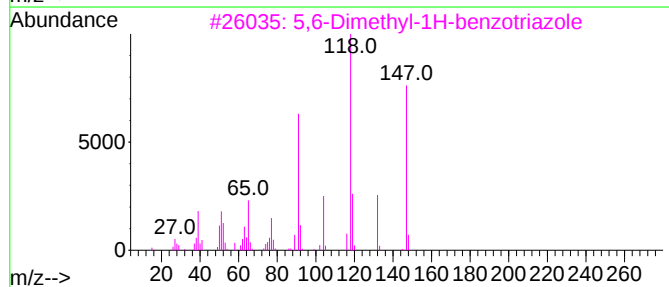
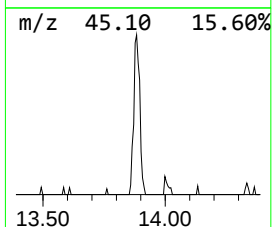
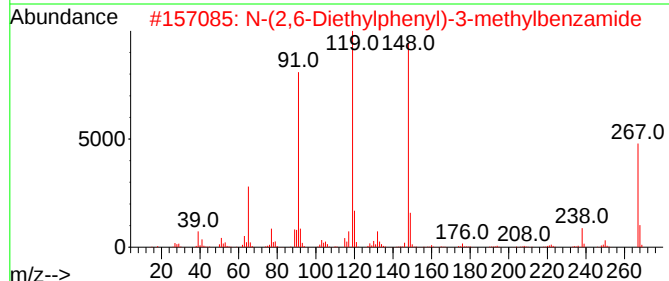
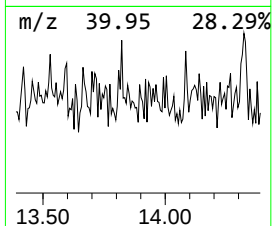
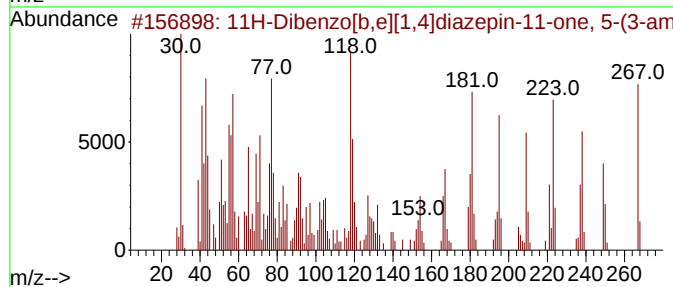
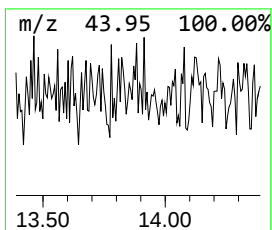
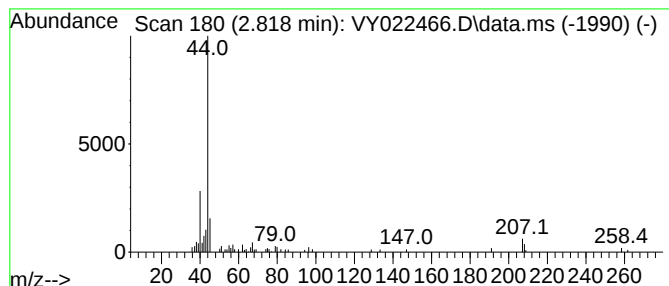
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Peak Number 5 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.889	8.86 ug/l	117626	1,4-Dichlorobenzene-d4		13.346	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...		267	C16H17N3O	013450-73-2	99
2	N-(2,6-Diethylphenyl)-3-methylbe...		267	C18H21NO	294851-82-4	27
3	5,6-Dimethyl-1H-benzotriazole		147	C8H9N3	004184-79-6	22
4	Benzamide, 4-methyl-N-[3-(4-hydr...		373	C22H19N3O3	1000295-49-3	14
5	Ethandial, bis(phenylhydrazone)		238	C14H14N4	001534-21-0	12



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Instrument :
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ClientSampleId :
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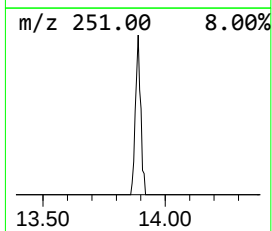
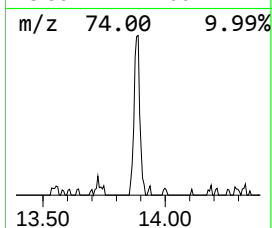
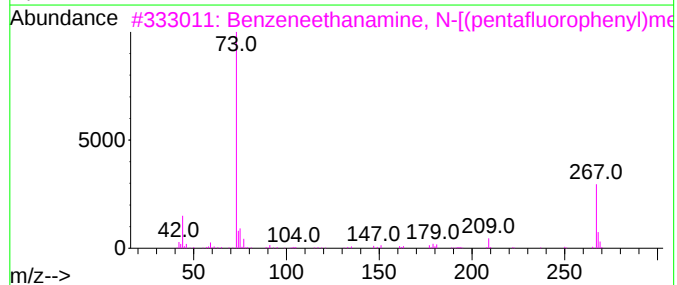
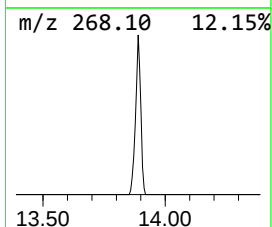
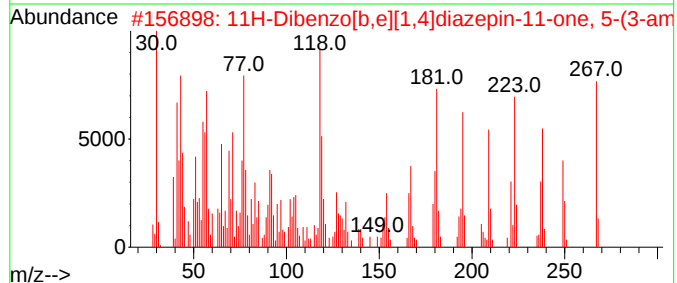
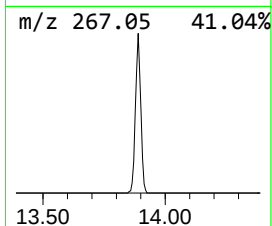
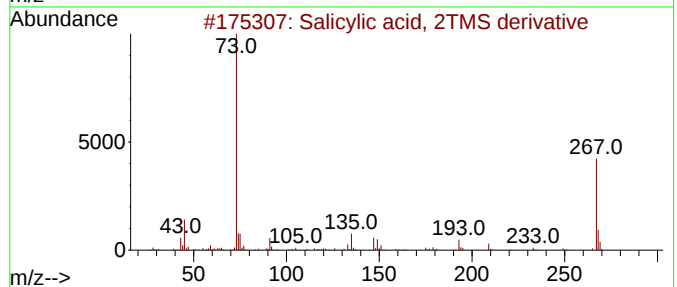
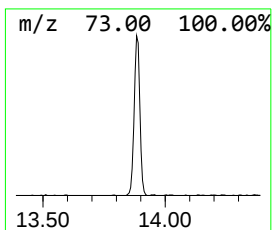
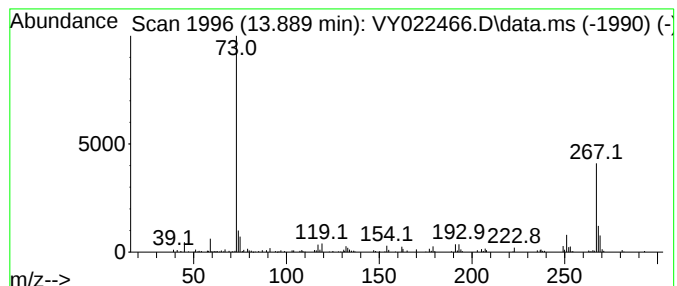
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260

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

Peak Number 6 Salicylic acid, 2TMS deriva... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	8.86 ug/l	117626	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	64
2			11H-Dibenzo[b,e][1,4]diazepin-11-one, 5-(3-amino-2-methylphenyl)-	267	C16H17N3O	013450-73-2	60
3			Benzeneethanamine, N-[(pentafluorophenyl)methyl]-	475	C21H26F5NO2Si2	055429-85-1	50
4			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	45
5			5-(4-Fluorophenyl)-1,3-oxazole-2-carboxamide	267	C12H14FNOSi	1000497-07-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
Data File : VY022466.D
Acq On : 29 May 2025 14:46
Operator : SY/MD
Sample : Q2150-07
Misc : 7.53g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-51

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.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
Benzene, 1-ethy...	12.694	5.6	ug/l	74614	4	13.346	663717	50.0
Pentacyclo[6.3....	14.322	6.3	ug/l	84337	4	13.346	663717	50.0
Bi-2-cyclohexen...	14.968	6.7	ug/l	88770	4	13.346	663717	50.0
11H-Dibenzo[b,e...	13.889	8.9	ug/l	117626	4	13.346	663717	50.0
Salicylic acid,...	13.889	8.9	ug/l	117626	4	13.346	663717	50.0