

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022085.D
 Acq On : 30 Apr 2025 16:18
 Operator : SY/MD
 Sample : Q1907-01
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-8R-WC

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: VY022085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.489	119	126	135	rBV9	6784	21541	1.03%	0.185%
2	4.610	463	474	487	rBV2	11288	35918	1.72%	0.309%
3	7.628	959	969	975	rBV	284037	687991	32.89%	5.910%
4	7.707	975	982	995	rVB	424185	992159	47.42%	8.522%
5	8.061	1030	1040	1056	rBV	199811	449704	21.50%	3.863%
6	8.609	1120	1130	1145	rBV	720786	1399782	66.91%	12.024%
7	9.073	1199	1206	1210	rBV7	11360	28488	1.36%	0.245%
8	9.384	1248	1257	1264	rVB2	16138	32812	1.57%	0.282%
9	9.530	1274	1281	1289	rBV2	18414	36560	1.75%	0.314%
10	9.859	1329	1335	1342	rBV5	14509	36090	1.73%	0.310%
11	10.103	1367	1375	1391	rVV	1216647	2092089	100.00%	17.971%
12	10.268	1395	1402	1412	rVB3	24526	67750	3.24%	0.582%
13	10.445	1421	1431	1438	rVB	95885	189264	9.05%	1.626%
14	10.542	1438	1447	1452	rBV3	32413	65535	3.13%	0.563%
15	10.640	1459	1463	1467	rVB4	15253	21811	1.04%	0.187%
16	10.731	1473	1478	1484	rVB2	28868	46414	2.22%	0.399%
17	10.829	1484	1494	1501	rBV7	17645	47511	2.27%	0.408%
18	10.902	1501	1506	1507	rVV2	17216	28752	1.37%	0.247%
19	10.926	1507	1510	1513	rVV3	29606	50966	2.44%	0.438%
20	10.957	1513	1515	1519	rVV2	31543	48226	2.31%	0.414%
21	11.011	1519	1524	1530	rVV	145703	261823	12.51%	2.249%
22	11.066	1530	1533	1538	rVV	37046	62240	2.98%	0.535%
23	11.127	1538	1543	1548	rVV2	32685	68165	3.26%	0.586%
24	11.219	1548	1558	1567	rVB2	98164	188659	9.02%	1.621%
25	11.414	1582	1590	1600	rBV	1001027	1611655	77.04%	13.844%
26	11.505	1600	1605	1608	rBV2	19427	31837	1.52%	0.273%
27	11.548	1608	1612	1616	rVB2	35419	51506	2.46%	0.442%
28	11.603	1616	1621	1624	rBV4	15348	28884	1.38%	0.248%
29	11.658	1624	1630	1637	rBV6	48714	116775	5.58%	1.003%
30	11.822	1651	1657	1666	rVB	35454	67521	3.23%	0.580%
31	11.926	1666	1674	1680	rBV3	56200	137357	6.57%	1.180%
32	12.127	1702	1707	1711	rVV	61225	98015	4.69%	0.842%
33	12.255	1724	1728	1733	rVB2	24243	40158	1.92%	0.345%
34	12.401	1746	1752	1760	rBV	672962	1065371	50.92%	9.151%
35	12.475	1760	1764	1771	rVV5	15943	34149	1.63%	0.293%
36	12.572	1772	1780	1787	rVB8	18629	44145	2.11%	0.379%

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Integrator: RTE

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Peak Location: TOP

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

Peak separation: 5

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37	12.712	1797	1803	1815	rVB3	69599	136724	6.54%	1.174%
38	13.346	1900	1907	1916	rVB	623810	974220	46.57%	8.368%
39	13.883	1990	1995	2004	rVB2	61575	105057	5.02%	0.902%
40	14.255	2052	2056	2060	rVB	21046	28526	1.36%	0.245%
41	14.590	2105	2111	2118	rBV4	16150	35024	1.67%	0.301%
42	14.858	2151	2155	2164	rBV5	9502	22281	1.07%	0.191%
43	15.145	2196	2202	2208	rBV	31195	52312	2.50%	0.449%

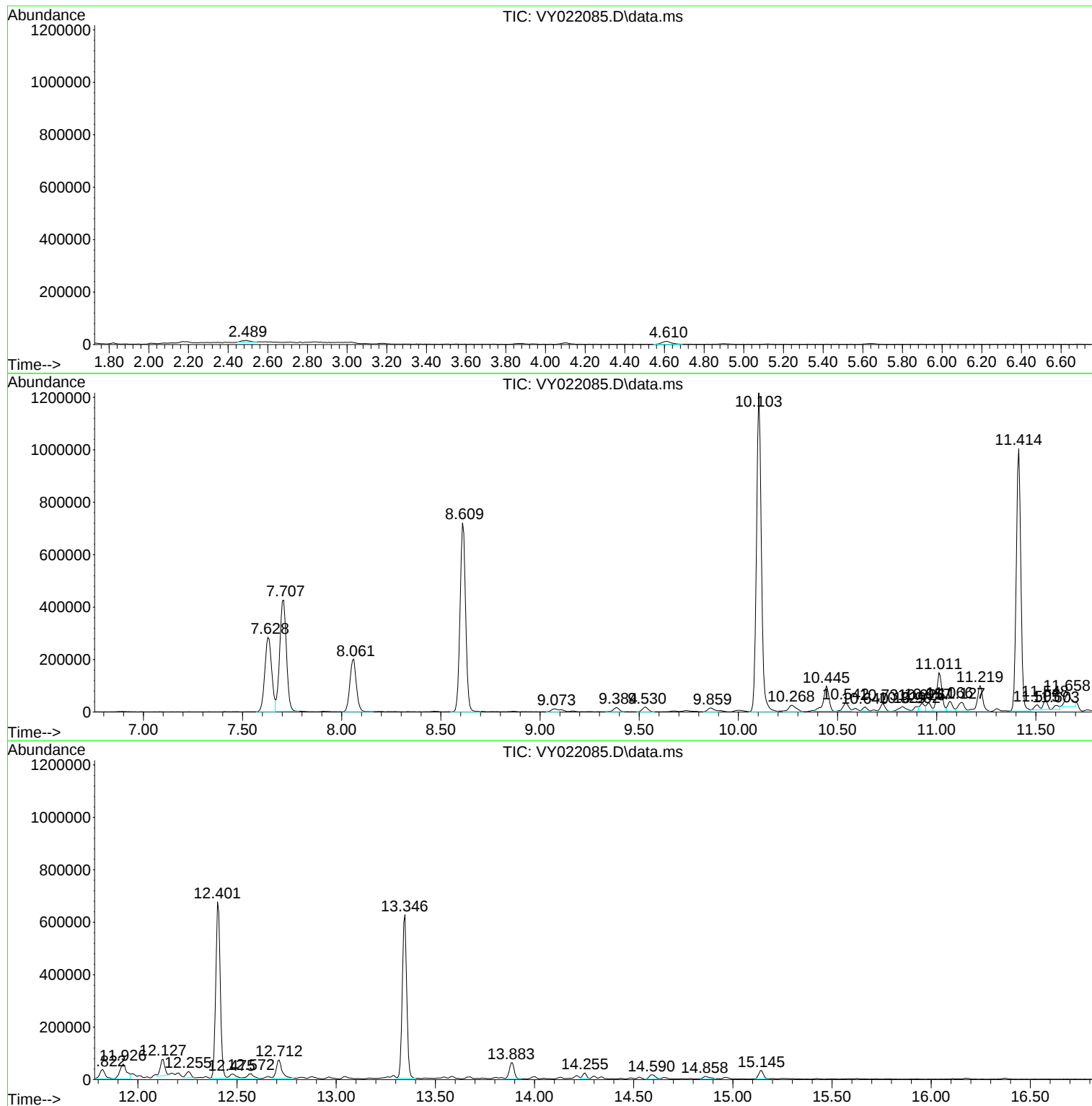
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



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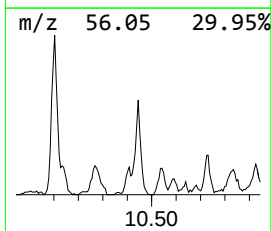
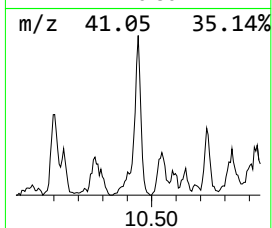
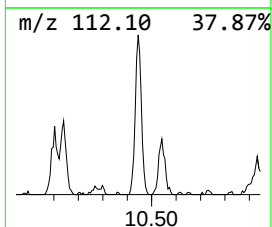
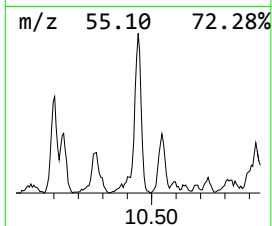
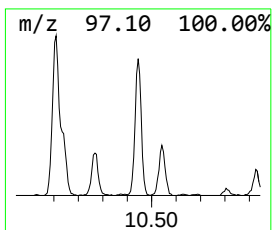
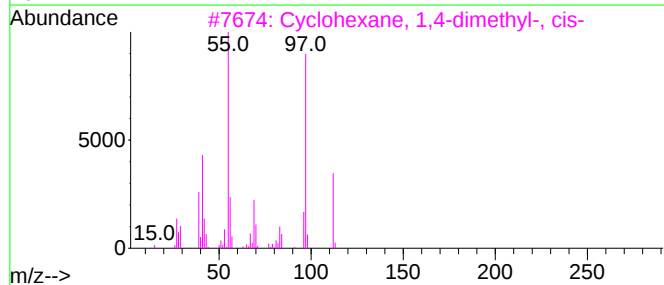
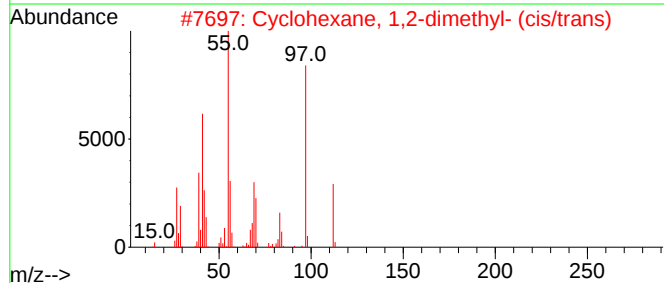
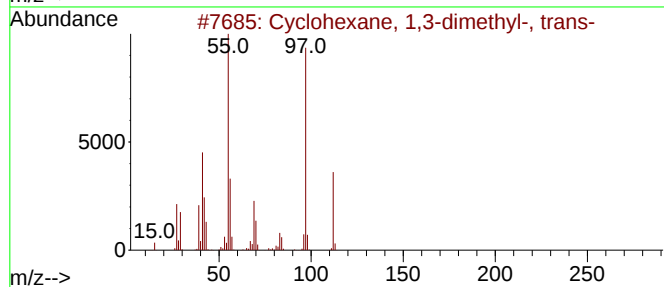
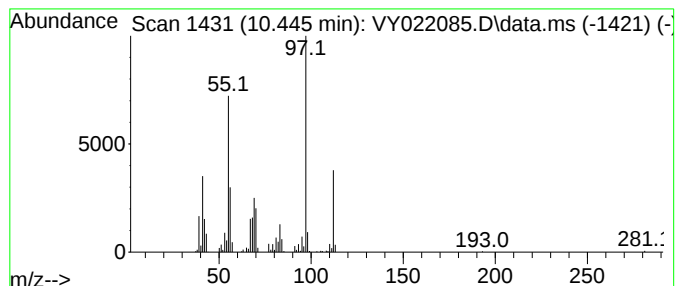
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	5.87 ug/l	189264	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	86
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83



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ClientSampleId :
CO-8R-WC

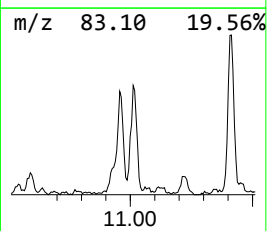
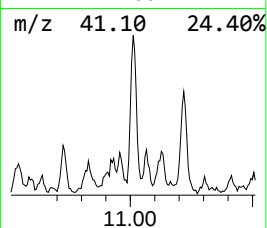
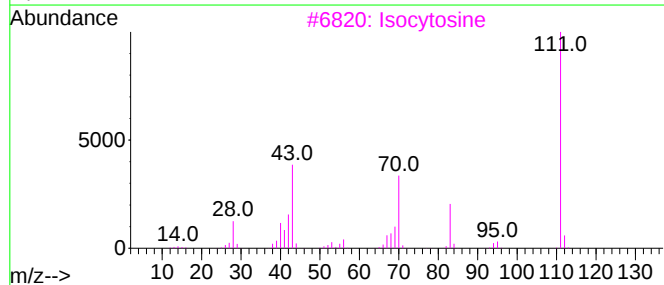
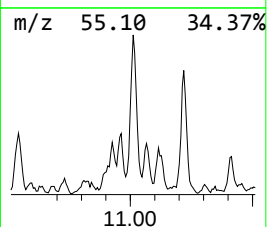
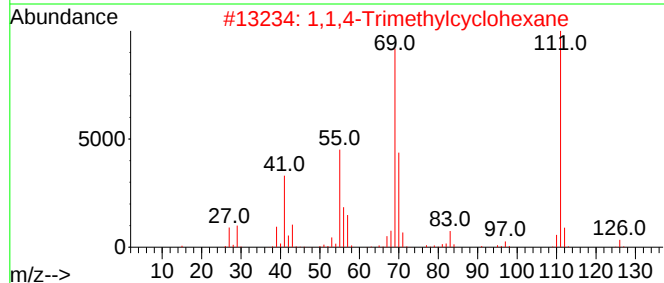
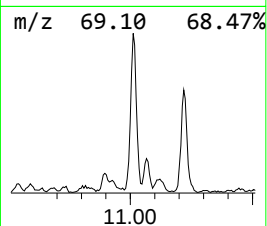
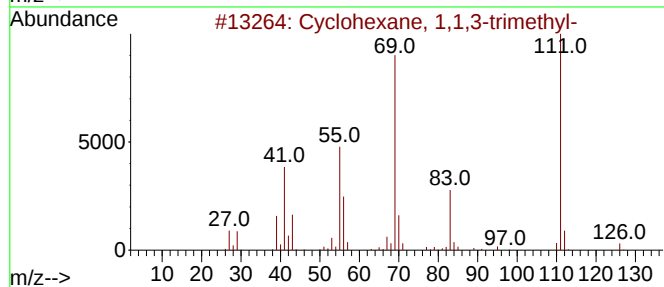
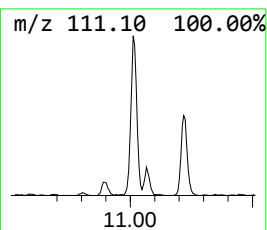
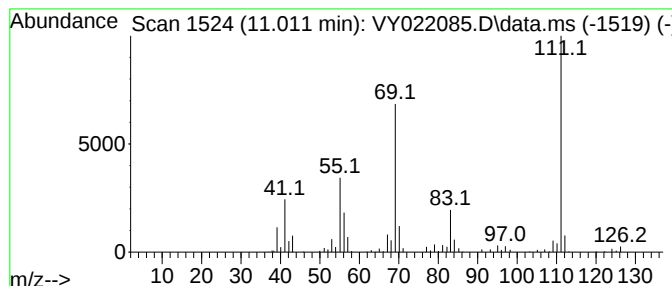
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
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Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	8.12 ug/l	261823	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	68
3			Isocytosine	111	C4H5N3O	000108-53-2	64
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



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Misc : 6.51g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-8R-WC

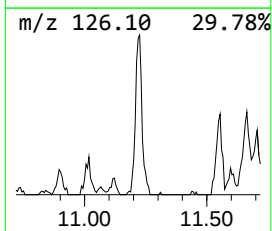
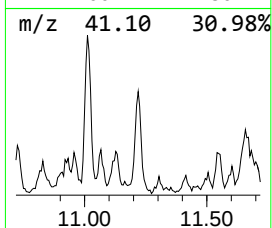
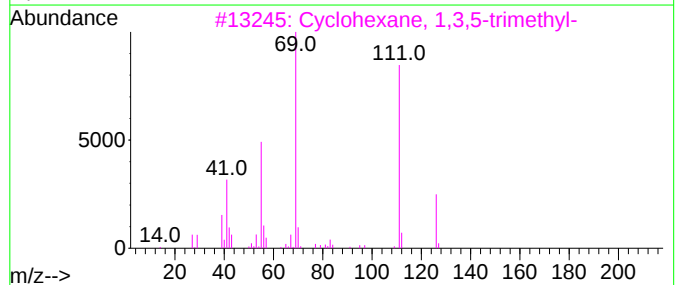
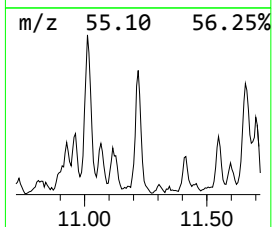
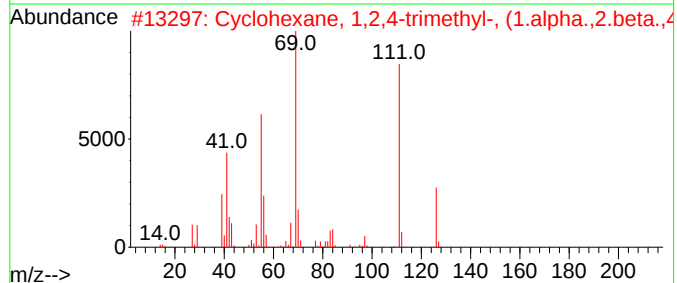
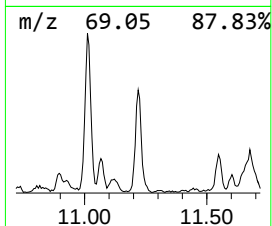
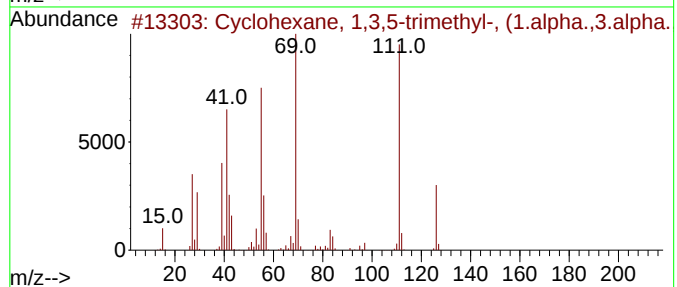
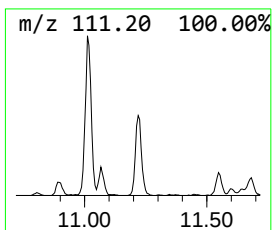
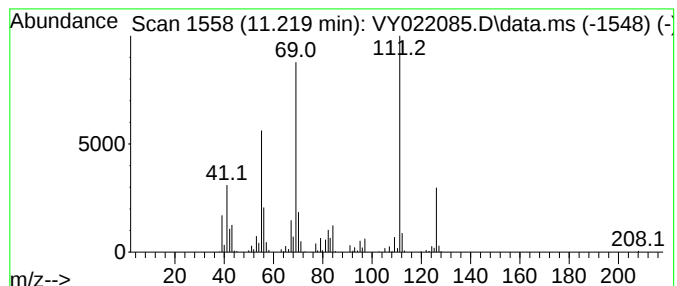
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,3,5-trimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.219	5.85 ug/l	188659	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



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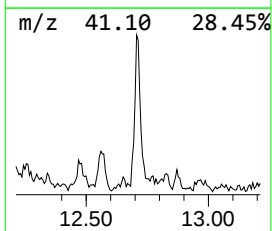
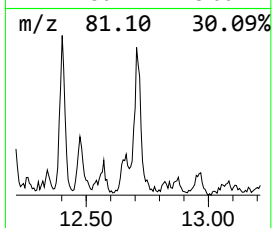
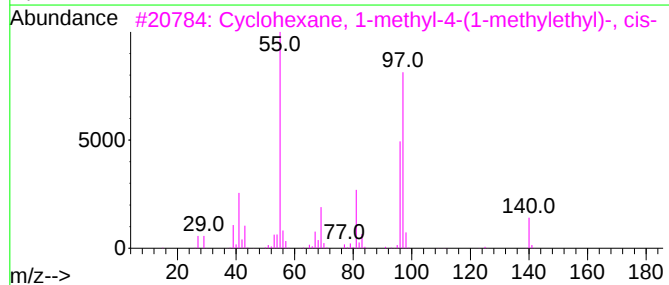
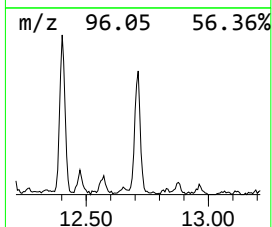
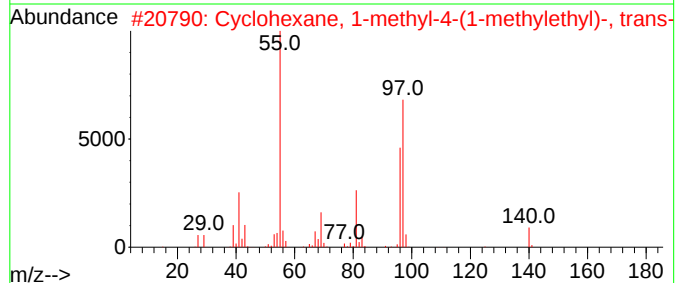
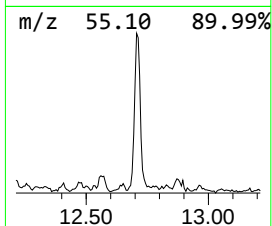
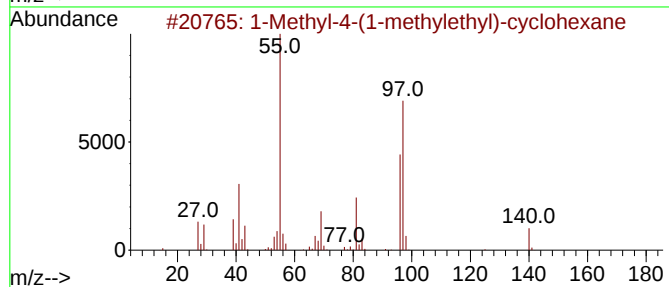
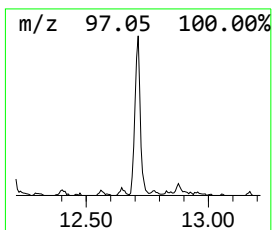
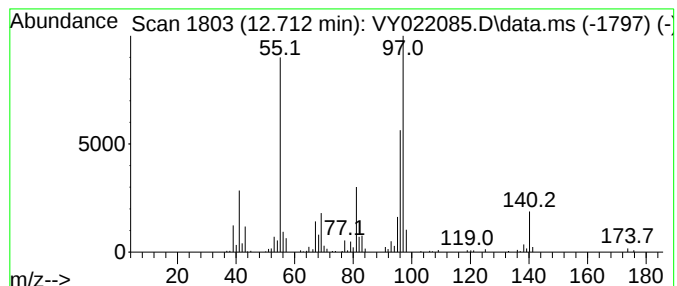
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Peak Number 4 1-Methyl-4-(1-methylethyl)-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.712	7.02 ug/l	136724	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	90
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	90
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	90
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	87



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,...	10.445	5.9	ug/l	189264	3	11.414	1611660	50.0
Cyclohexane, 1,...	11.012	8.1	ug/l	261823	3	11.414	1611660	50.0
Cyclohexane, 1,...	11.219	5.8	ug/l	188659	3	11.414	1611660	50.0
1-Methyl-4-(1-m...	12.712	7.0	ug/l	136724	4	13.346	974220	50.0