

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021417.D
 Acq On : 05 Mar 2025 16:55
 Operator : SY/MD
 Sample : Q1482-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-030425

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\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	466	474	485	rVB3	5097	14625	1.13%	0.210%
2	6.878	836	846	847	rBV	8491	13126	1.02%	0.188%
3	7.634	959	970	976	rBV	145820	356729	27.59%	5.117%
4	7.707	976	982	993	rVB	251036	561209	43.41%	8.050%
5	8.061	1028	1040	1051	rBV	122933	289603	22.40%	4.154%
6	8.615	1121	1131	1140	rBV	390645	762425	58.98%	10.936%
7	9.109	1200	1212	1217	rBV8	7665	22754	1.76%	0.326%
8	9.390	1247	1258	1264	rBV4	8234	20734	1.60%	0.297%
9	9.536	1275	1282	1290	rBV3	15578	31844	2.46%	0.457%
10	9.688	1300	1307	1311	rBV2	8108	16703	1.29%	0.240%
11	9.749	1311	1317	1321	rBV2	17932	34967	2.70%	0.502%
12	9.884	1328	1339	1351	rBV4	22162	79721	6.17%	1.143%
13	9.999	1351	1358	1362	rBV4	9054	19654	1.52%	0.282%
14	10.109	1368	1376	1392	rBV	686727	1292754	100.00%	18.542%
15	10.274	1392	1403	1412	rVB4	32025	94432	7.30%	1.354%
16	10.408	1415	1425	1427	rBV5	17647	35955	2.78%	0.516%
17	10.451	1427	1432	1438	rVB	77202	137678	10.65%	1.975%
18	10.542	1438	1447	1452	rBV3	33159	72137	5.58%	1.035%
19	10.591	1452	1455	1459	rVV2	14422	23092	1.79%	0.331%
20	10.640	1459	1463	1467	rVB	16513	23394	1.81%	0.336%
21	10.731	1473	1478	1484	rVB2	32917	57913	4.48%	0.831%
22	10.835	1487	1495	1501	rVV	23715	55298	4.28%	0.793%
23	10.902	1501	1506	1509	rVV6	21028	46497	3.60%	0.667%
24	10.963	1513	1516	1520	rVV2	47997	74235	5.74%	1.065%
25	11.017	1520	1525	1530	rVV	104766	185643	14.36%	2.663%
26	11.072	1530	1534	1538	rVV2	22397	37473	2.90%	0.537%
27	11.133	1538	1544	1548	rVV3	33063	64082	4.96%	0.919%
28	11.219	1548	1558	1567	rVB6	53099	142956	11.06%	2.050%
29	11.310	1567	1573	1577	rBV	21087	35735	2.76%	0.513%
30	11.414	1583	1590	1601	rBV	525654	875115	67.69%	12.552%
31	11.511	1601	1606	1609	rVV5	13418	27578	2.13%	0.396%
32	11.548	1609	1612	1617	rVV3	16087	28098	2.17%	0.403%
33	11.664	1617	1631	1643	rVB3	25759	127297	9.85%	1.826%
34	11.828	1651	1658	1661	rBV3	7545	13048	1.01%	0.187%
35	11.932	1666	1675	1687	rBV3	13873	51310	3.97%	0.736%
36	12.127	1702	1707	1710	rVV5	8721	15404	1.19%	0.221%

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37	12.407	1746	1753	1763	rBV	362939	559665	43.29%	8.027%
38	12.566	1771	1779	1786	rVB5	11472	25277	1.96%	0.363%
39	12.731	1800	1806	1811	rBV7	13896	25930	2.01%	0.372%
40	12.962	1841	1844	1853	rVB6	7694	14142	1.09%	0.203%
41	13.346	1900	1907	1918	rBV	370187	588938	45.56%	8.447%
42	13.669	1954	1960	1965	rBV7	8440	16679	1.29%	0.239%

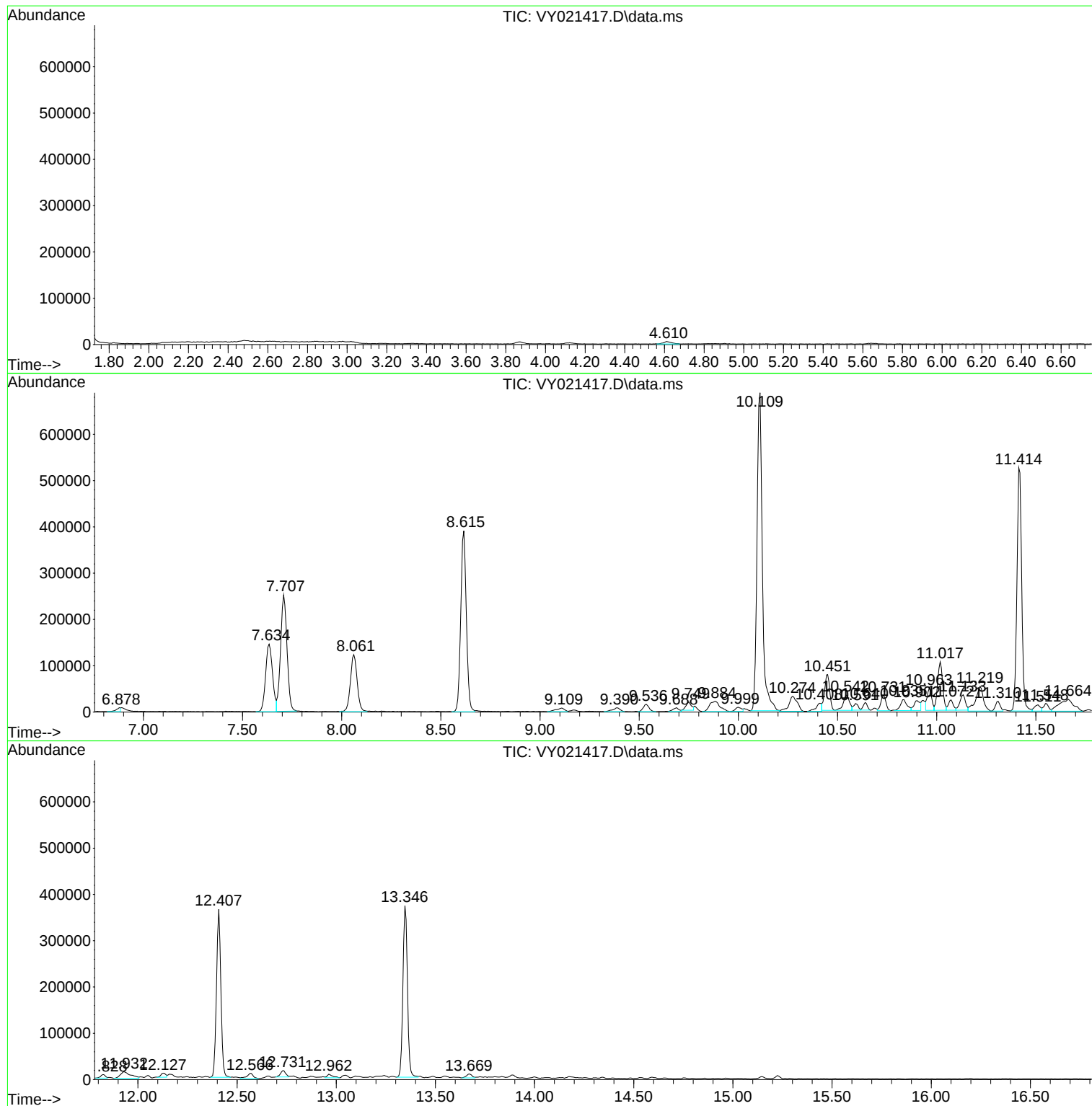
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



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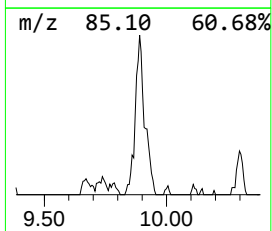
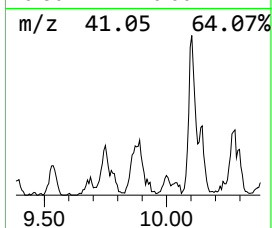
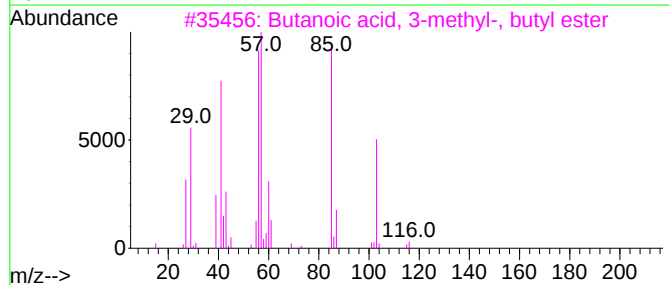
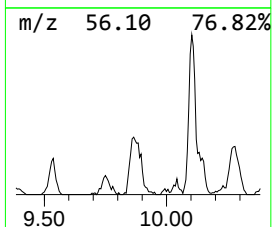
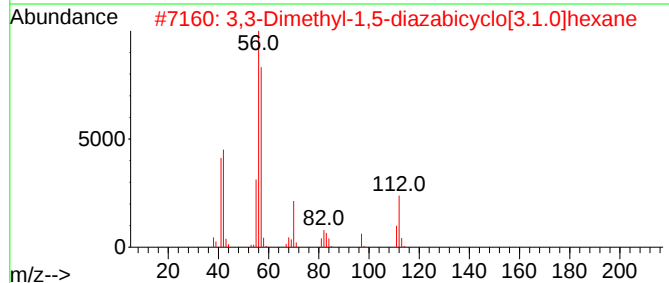
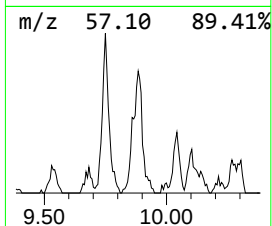
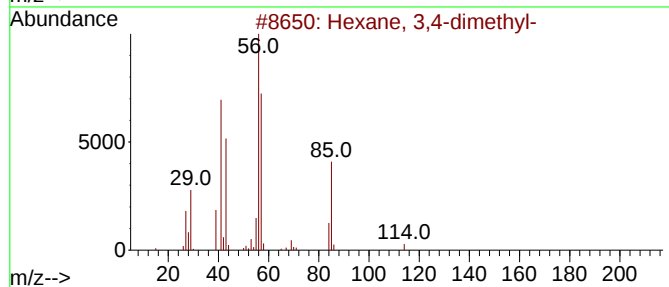
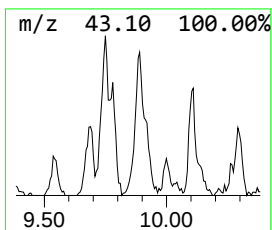
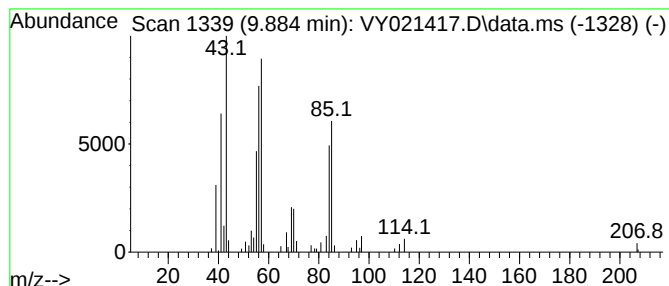
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 3,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	5.23 ug/l	79721	1,4-Difluorobenzene	8.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	52
2			3,3-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-71-0	49
3			Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	47
4			Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	47
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	45



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Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425

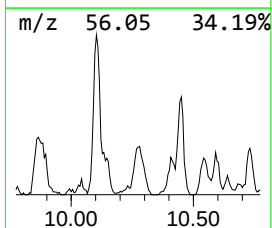
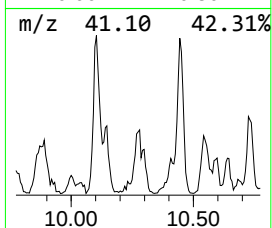
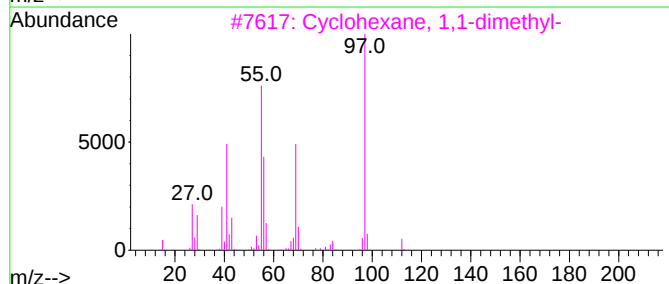
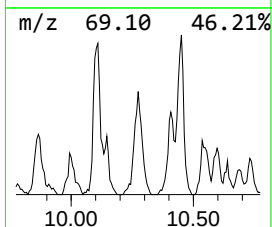
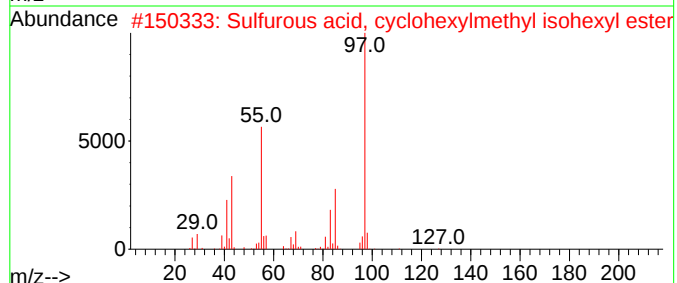
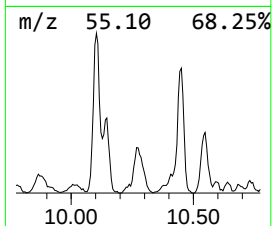
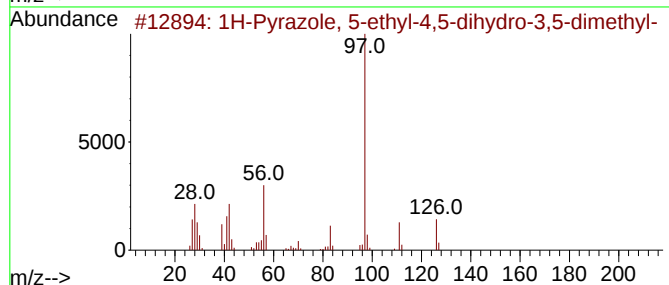
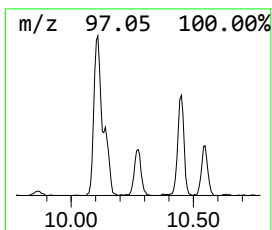
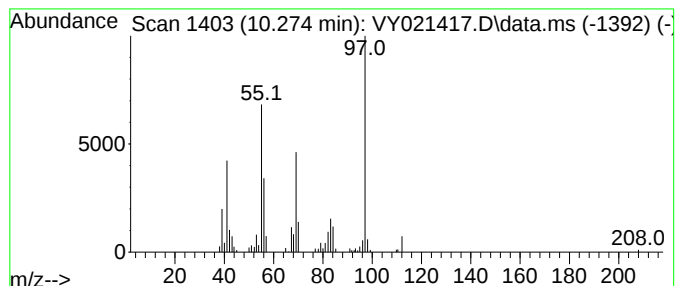
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Pyrazole, 5-ethyl-4,5-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.274	5.40 ug/l	94432	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	59
2			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
4			Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	47
5			1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	47



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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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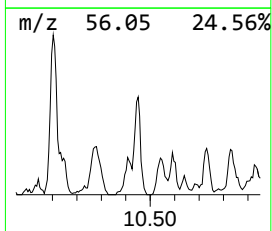
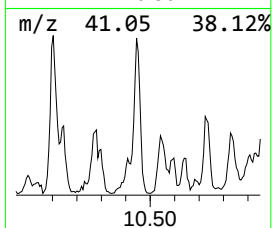
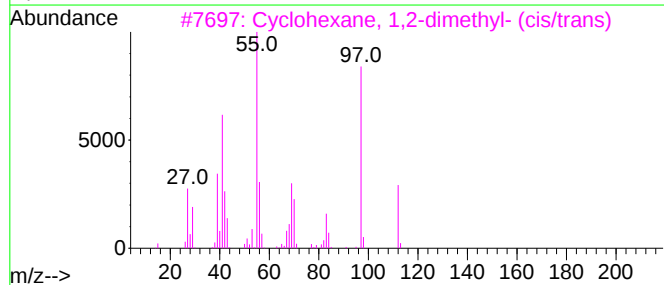
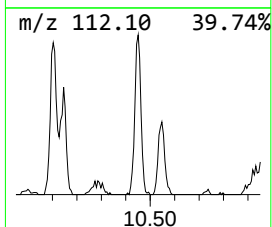
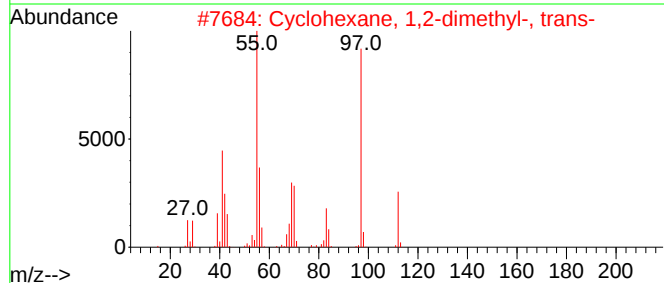
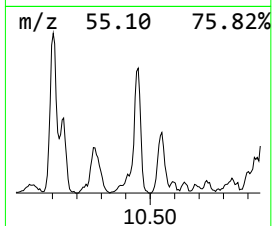
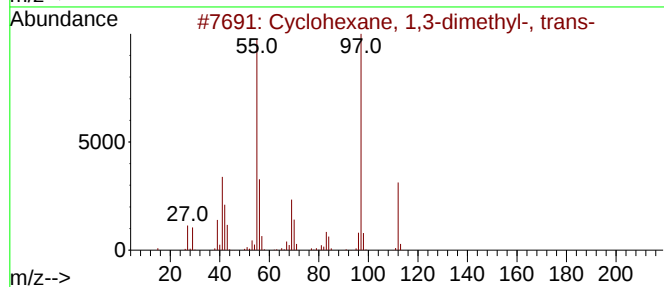
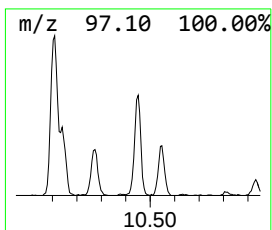
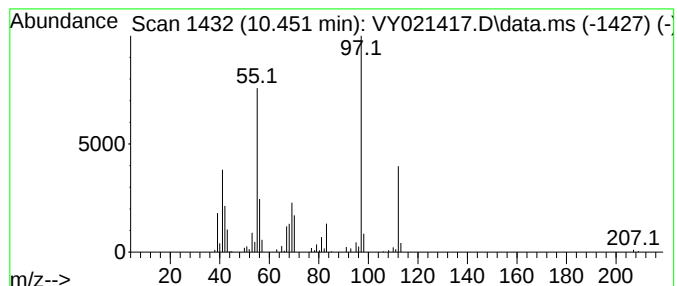
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	7.87 ug/l	137678	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87



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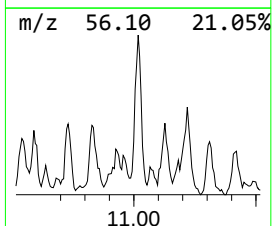
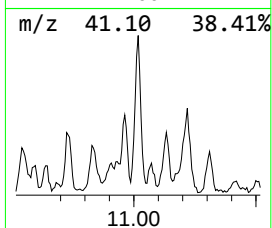
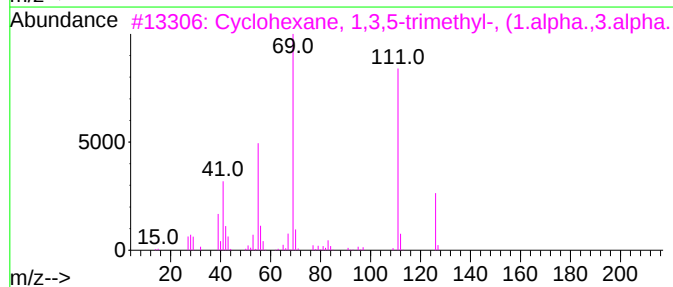
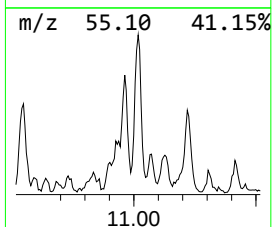
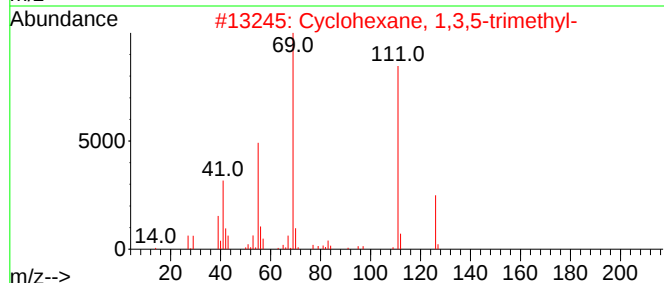
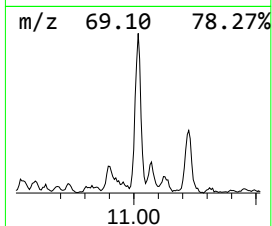
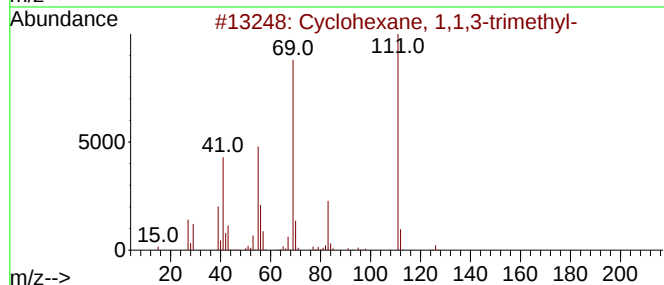
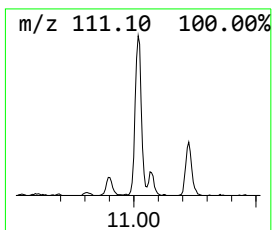
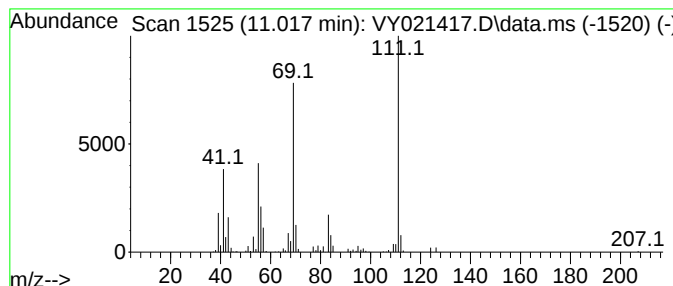
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Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	10.61 ug/l	185643	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			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	59
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55



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MSVOA_Y
ClientSampleId :
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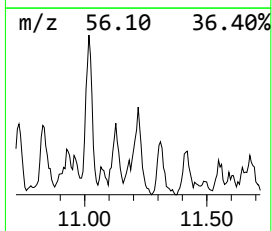
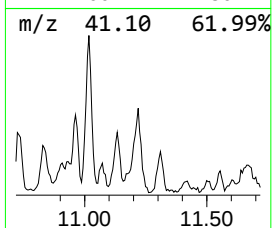
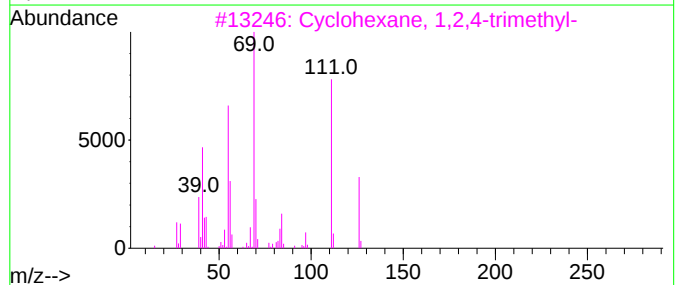
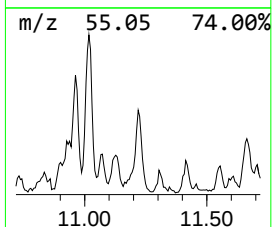
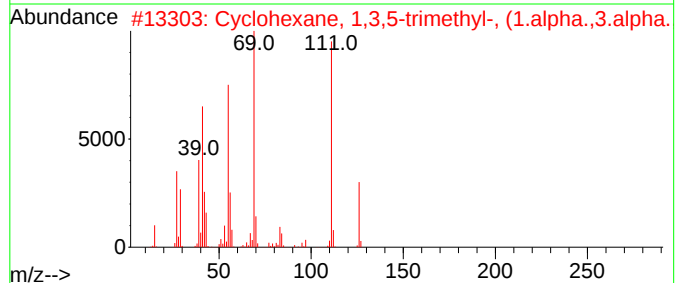
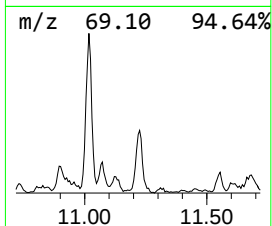
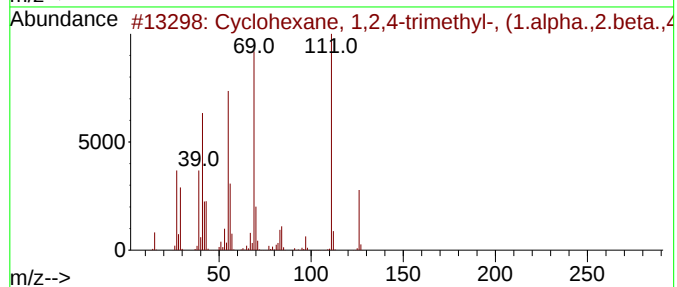
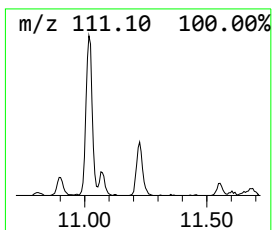
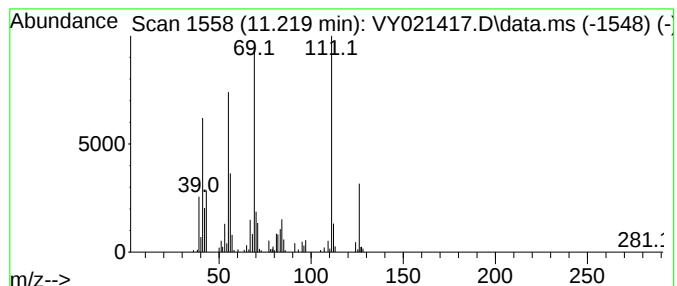
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,2,4-trimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.219	8.17 ug/l	142956	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	97
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021417.D
Acq On : 05 Mar 2025 16:55
Operator : SY/MD
Sample : Q1482-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425

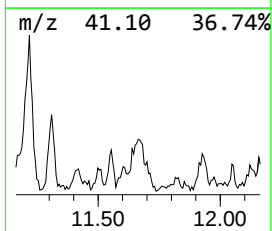
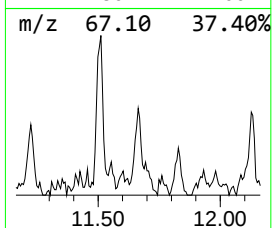
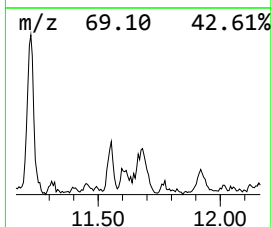
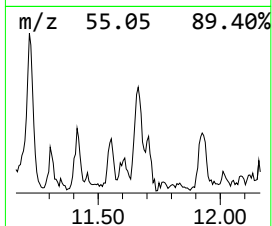
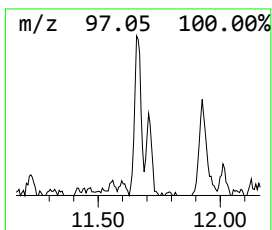
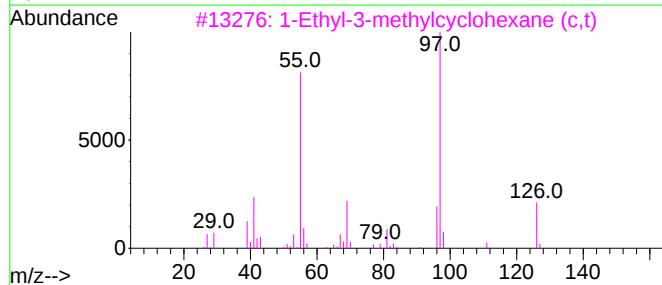
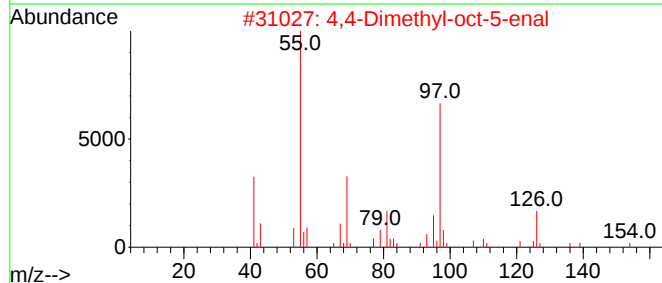
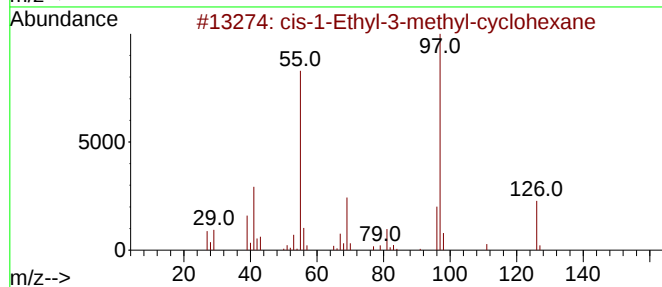
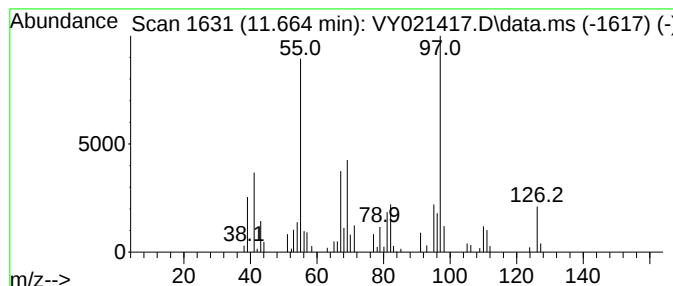
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 6 cis-1-Ethyl-3-methyl-cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.664	7.27 ug/l	127297	Chlorobenzene-d5	11.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
2		4,4-Dimethyl-oct-5-enal	154	C10H18O	1010143-73-6	59
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
5		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021417.D
Acq On : 05 Mar 2025 16:55
Operator : SY/MD
Sample : Q1482-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.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
Hexane, 3,4-dim...	9.884	5.2	ug/l	79721	2	8.615	762425	50.0
1H-Pyrazole, 5-...	10.274	5.4	ug/l	94432	3	11.414	875115	50.0
Cyclohexane, 1,...	10.451	7.9	ug/l	137678	3	11.414	875115	50.0
Cyclohexane, 1,...	11.018	10.6	ug/l	185643	3	11.414	875115	50.0
Cyclohexane, 1,...	11.219	8.2	ug/l	142956	3	11.414	875115	50.0
cis-1-Ethyl-3-m...	11.664	7.3	ug/l	127297	3	11.414	875115	50.0