

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014653.D
 Acq On : 14 Jul 2023 17:27
 Operator : SY/MD
 Sample : 03632-03
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-(7-9)

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.753	458	481	519	rVB	4431684	17440836	15.16%	2.343%
2	5.228	540	559	589	rBV	3226189	11591233	10.08%	1.557%
3	5.740	626	643	665	rBV	3687558	11577489	10.07%	1.555%
4	6.515	758	770	785	rBV	352673	1223378	1.06%	0.164%
5	6.679	785	797	805	rVV	1008524	3306642	2.88%	0.444%
6	6.783	805	814	835	rVV	5904452	18403348	16.00%	2.472%
7	7.771	959	976	985	rBV4	12869010	37961293	33.01%	5.099%
8	7.868	985	992	1003	rVB	5722758	14912817	12.97%	2.003%
9	8.002	1003	1014	1020	rBV	16300637	39699880	34.52%	5.332%
10	8.057	1020	1023	1032	rVV	4181560	8294756	7.21%	1.114%
11	8.277	1048	1059	1065	rBV2	14773002	35054674	30.48%	4.708%
12	8.350	1065	1071	1076	rVV	12341891	27448629	23.87%	3.687%
13	8.417	1076	1082	1094	rVB	22364120	49648734	43.17%	6.669%
14	8.545	1094	1103	1116	rVB	6408115	12328798	10.72%	1.656%
15	8.685	1117	1126	1139	rBV2	1107149	2904275	2.53%	0.390%
16	9.185	1189	1208	1215	rBV5	33472480	115009758	100.00%	15.448%
17	9.240	1215	1217	1225	rVB	2622871	4164545	3.62%	0.559%
18	9.368	1225	1238	1244	rBV	6869722	13398018	11.65%	1.800%
19	9.459	1244	1253	1261	rVB	11885363	23582122	20.50%	3.167%
20	9.606	1261	1277	1288	rBV	13209049	25418470	22.10%	3.414%
21	9.709	1288	1294	1297	rBV2	1108542	1968098	1.71%	0.264%
22	9.758	1297	1302	1306	rBV	2368451	4107424	3.57%	0.552%
23	9.819	1306	1312	1316	rBV	11549864	21515206	18.71%	2.890%
24	9.959	1324	1335	1346	rBV3	8513156	25142841	21.86%	3.377%
25	10.093	1355	1357	1363	rVB	1685972	2671196	2.32%	0.359%
26	10.179	1363	1371	1375	rBV	22105749	42657428	37.09%	5.730%
27	10.215	1375	1377	1383	rVB	8010619	10725972	9.33%	1.441%
28	10.307	1383	1392	1394	rBV	2924780	5130368	4.46%	0.689%
29	10.362	1394	1401	1409	rVB4	7631505	22671070	19.71%	3.045%
30	10.447	1409	1415	1416	rBV3	834543	1400625	1.22%	0.188%
31	10.483	1416	1421	1422	rVV2	2080764	3454944	3.00%	0.464%
32	10.520	1422	1427	1435	rVB	12270477	21392861	18.60%	2.873%
33	10.611	1435	1442	1448	rBV2	5160756	10857839	9.44%	1.458%
34	10.709	1454	1458	1462	rVB	1246980	1912851	1.66%	0.257%
35	10.800	1468	1473	1478	rVV	2862934	4380768	3.81%	0.588%
36	10.904	1484	1490	1496	rVV3	1159659	3262761	2.84%	0.438%

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Peak separation: 5

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37	10.965	1496	1500	1503	rVV2	2558866	4216039	3.67%	0.566%
38	11.002	1503	1506	1507	rVV	2626080	3304785	2.87%	0.444%
39	11.038	1507	1512	1516	rVV	10339409	18035816	15.68%	2.422%
40	11.087	1516	1520	1526	rVV	8478170	14922312	12.97%	2.004%
41	11.142	1526	1529	1533	rVV3	1353949	2099031	1.83%	0.282%
42	11.197	1533	1538	1543	rVV3	2464939	4670507	4.06%	0.627%
43	11.288	1543	1553	1563	rVB3	3312813	8987726	7.81%	1.207%
44	11.380	1563	1568	1581	rBV	2312146	4960373	4.31%	0.666%
45	11.489	1581	1586	1590	rBV2	889176	1466438	1.28%	0.197%
46	11.581	1596	1601	1605	rBV2	1160712	1924112	1.67%	0.258%
47	11.623	1605	1608	1611	rVV	978923	1305786	1.14%	0.175%
48	11.666	1611	1615	1621	rVB3	1172640	2201594	1.91%	0.296%
49	11.733	1621	1626	1630	rBV2	2086884	3771878	3.28%	0.507%
50	11.776	1630	1633	1638	rVB	1354986	2199416	1.91%	0.295%
51	12.001	1663	1670	1677	rBV3	1438093	3098648	2.69%	0.416%
52	12.203	1698	1703	1706	rVV	1937976	3391450	2.95%	0.456%
53	12.245	1706	1710	1719	rVV4	1514445	3251528	2.83%	0.437%
54	12.642	1767	1775	1783	rBV3	678174	1528906	1.33%	0.205%
55	12.806	1798	1802	1807	rVB2	842693	1384031	1.20%	0.186%
56	13.422	1897	1903	1909	rVB	737155	1171695	1.02%	0.157%

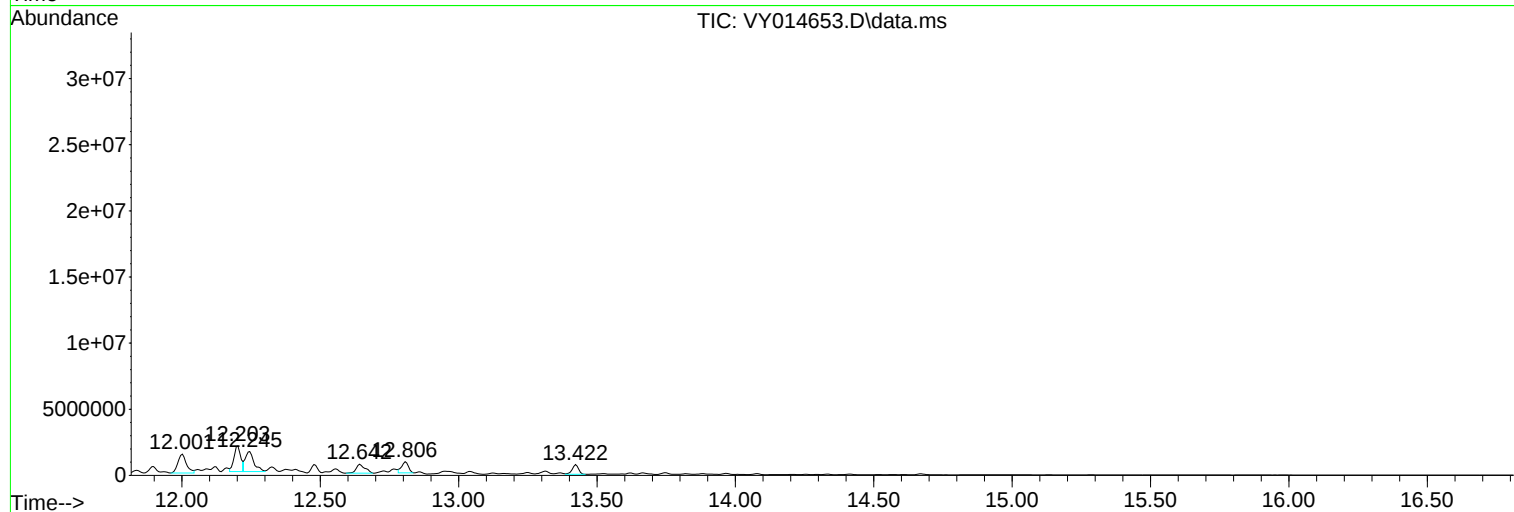
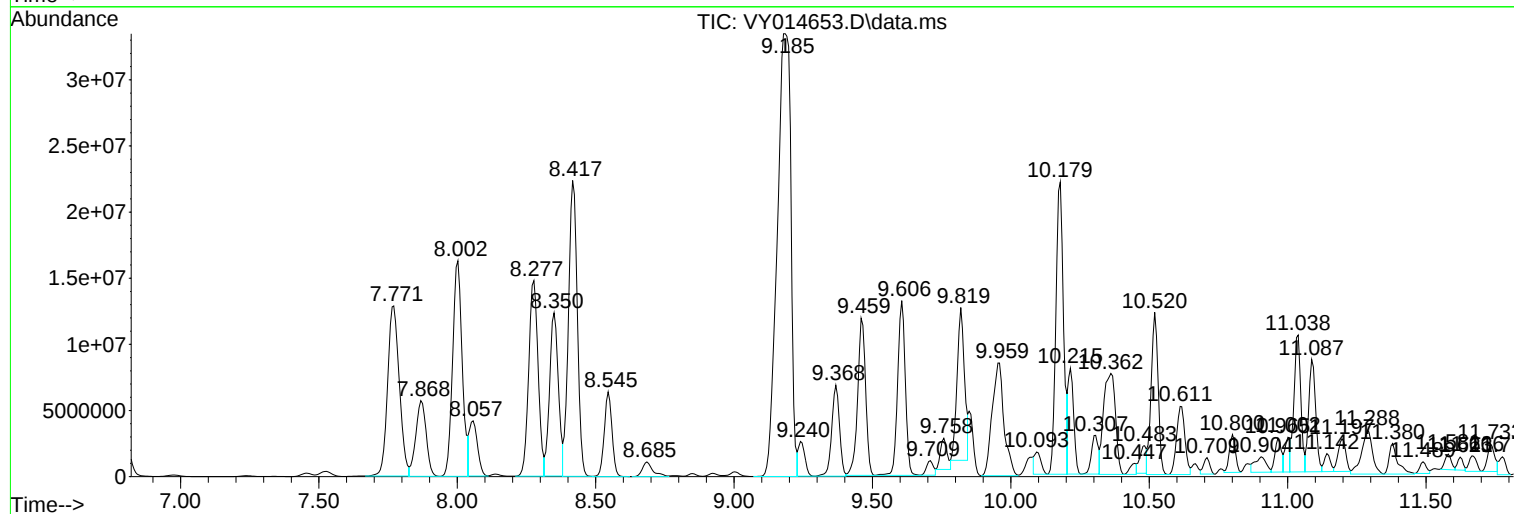
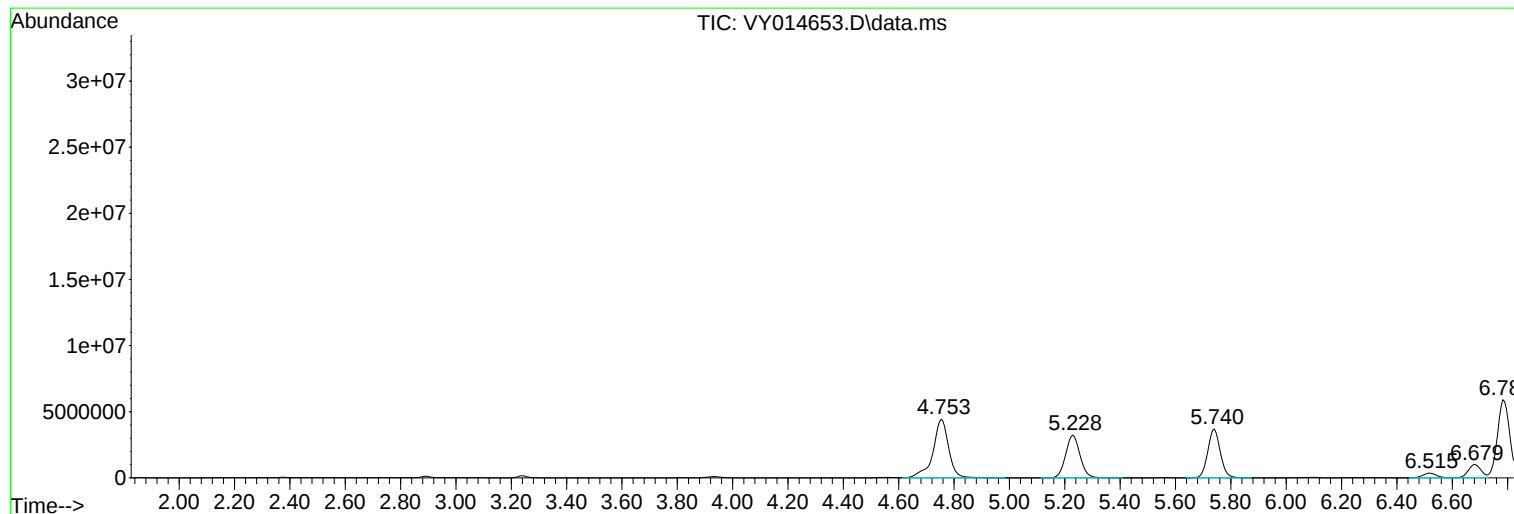
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

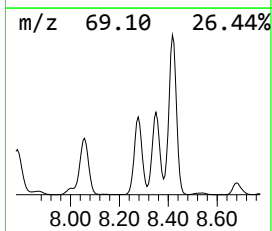
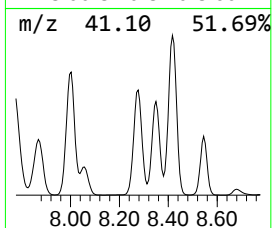
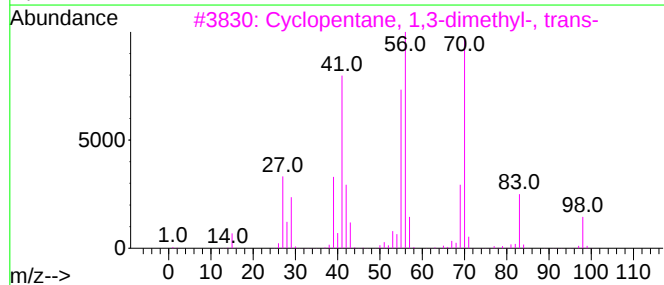
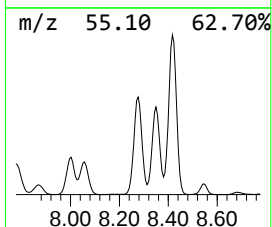
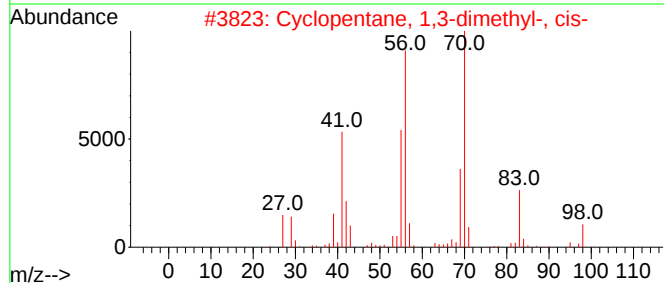
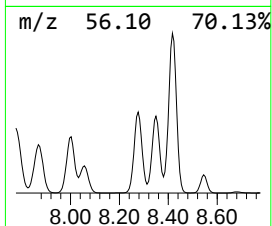
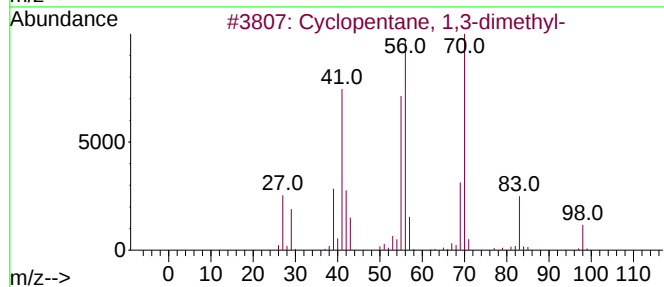
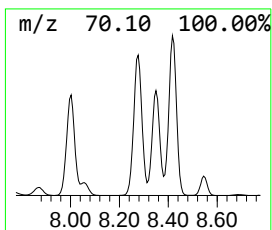
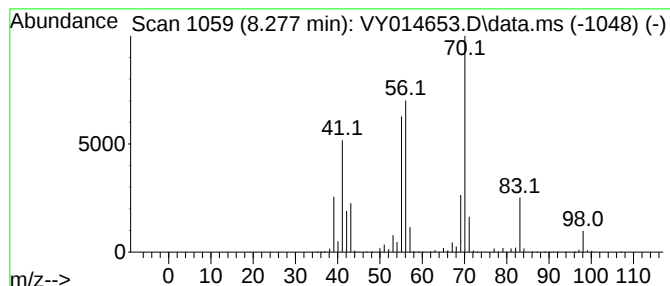
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.277	603.50 ug/l	35054700	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	52



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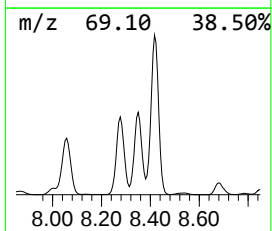
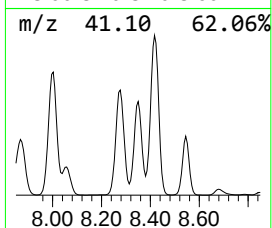
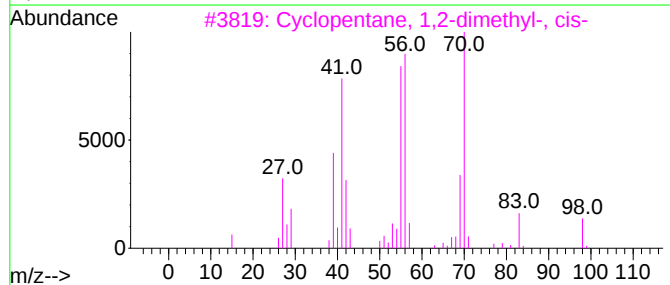
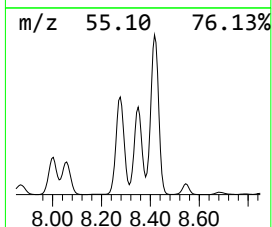
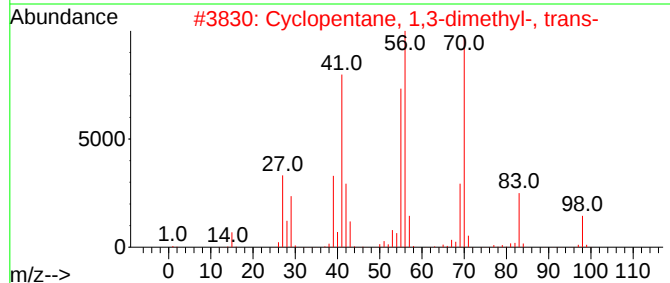
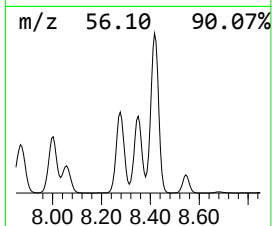
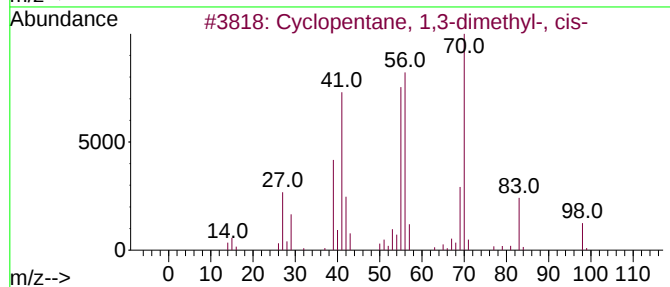
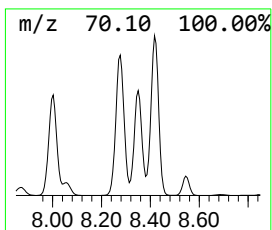
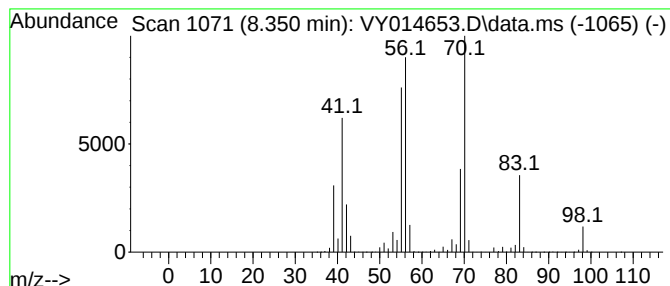
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.350	472.56 ug/l	27448600	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
2			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
4			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
5			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58



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Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

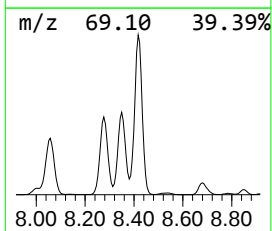
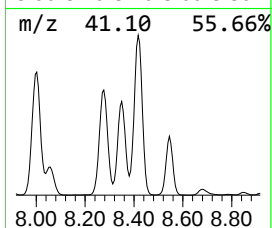
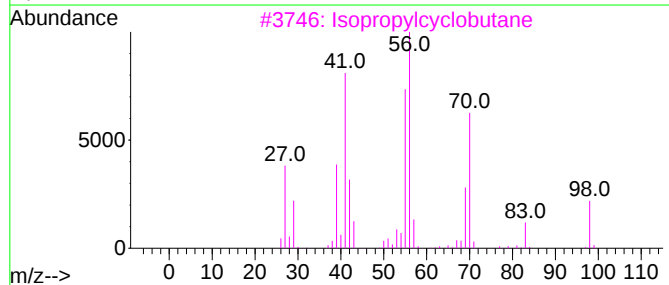
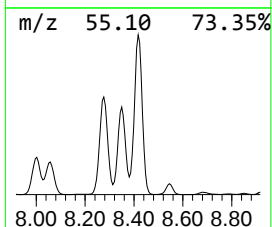
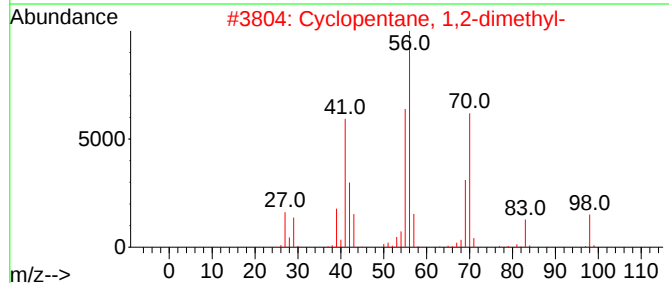
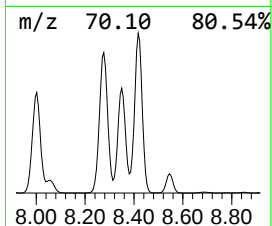
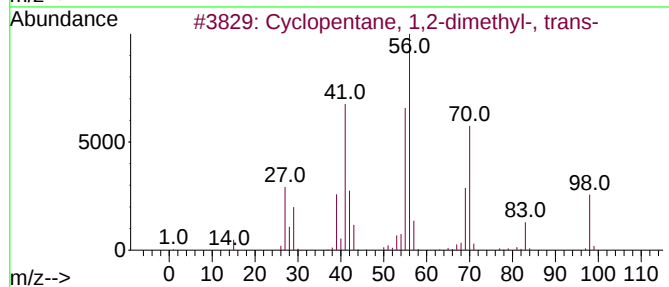
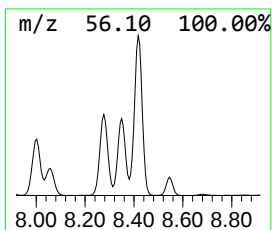
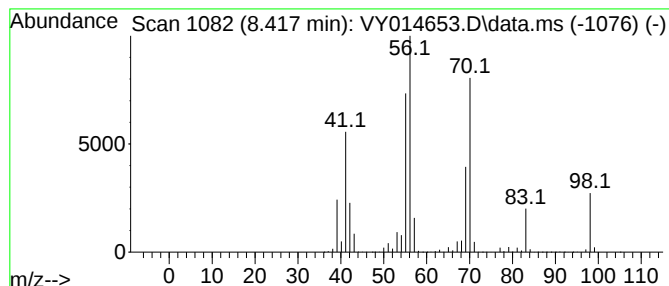
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclopentane, 1,2-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	854.75 ug/l	49648700	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
3			Isopropylcyclobutane	98	C7H14	000872-56-0	94
4			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	86
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83



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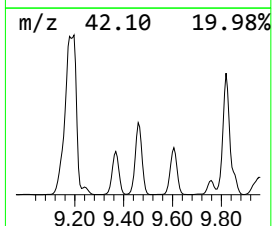
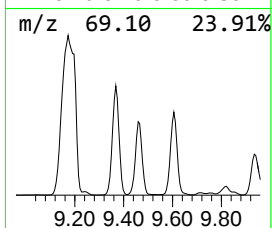
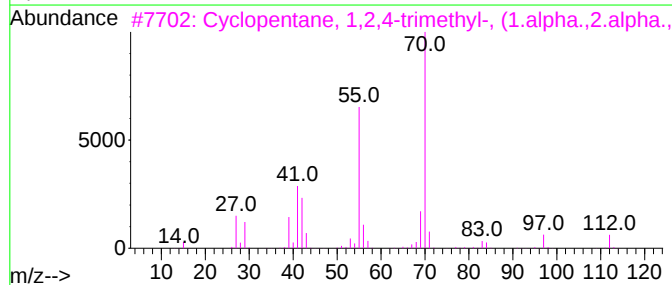
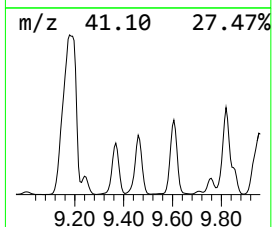
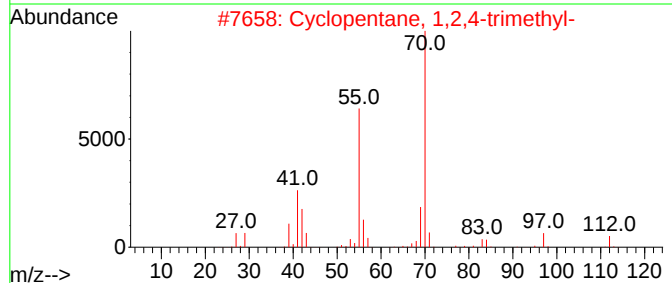
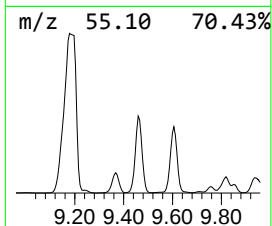
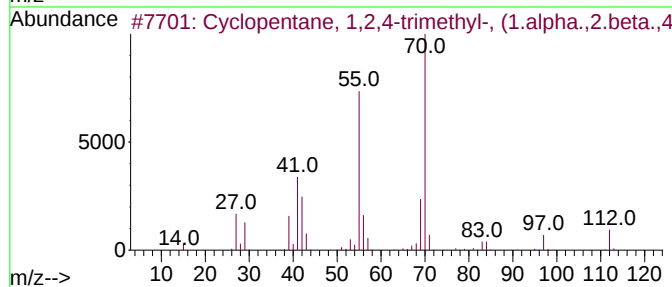
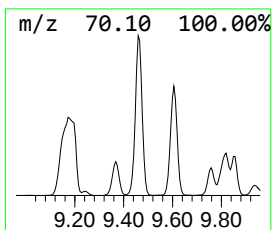
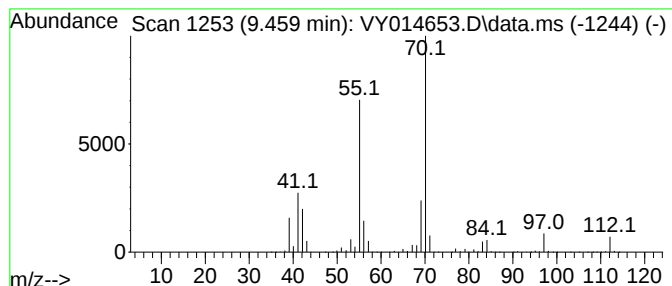
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, 1,2,4-trimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.459	405.99 ug/l	23582100	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	95
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72



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Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

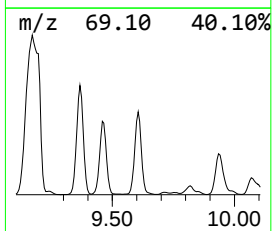
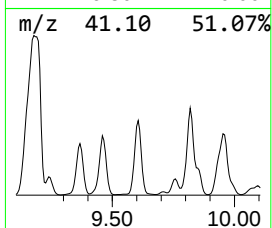
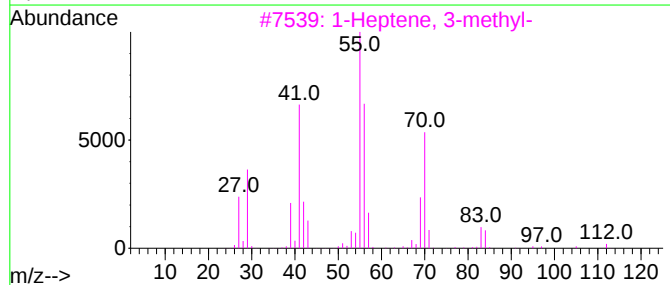
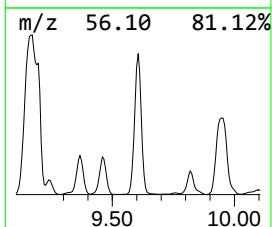
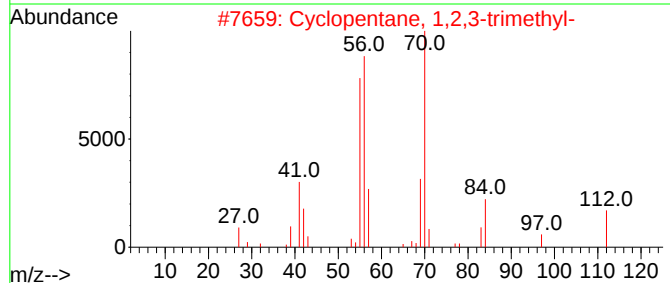
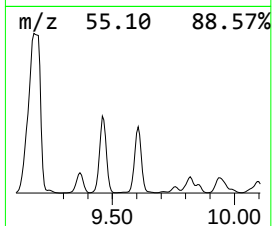
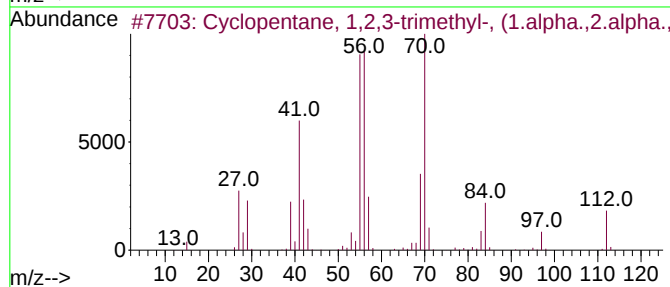
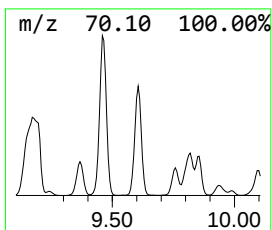
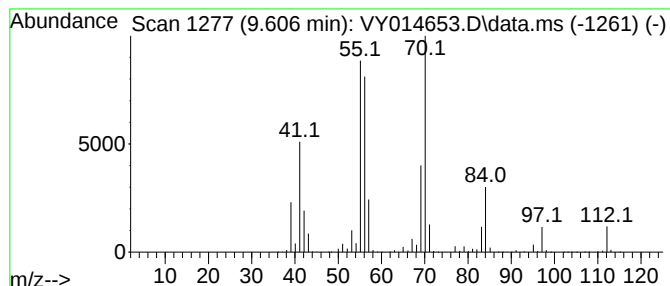
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1,2,3-trimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.606	437.60 ug/l	25418500	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

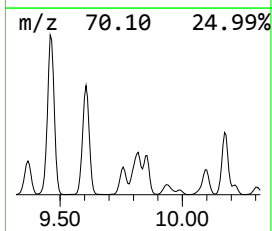
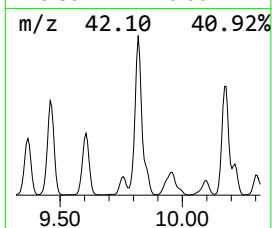
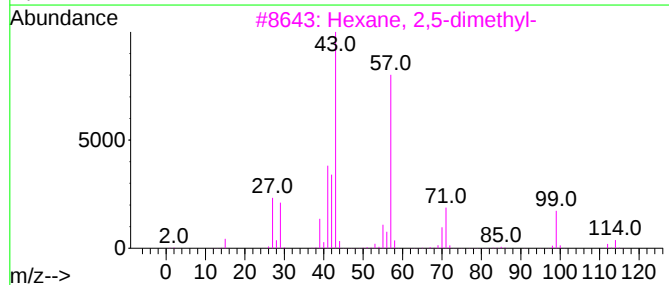
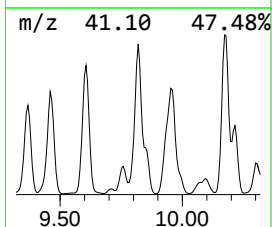
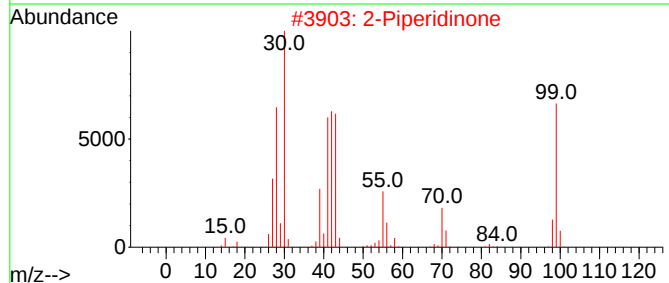
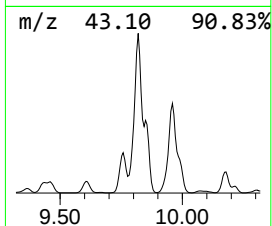
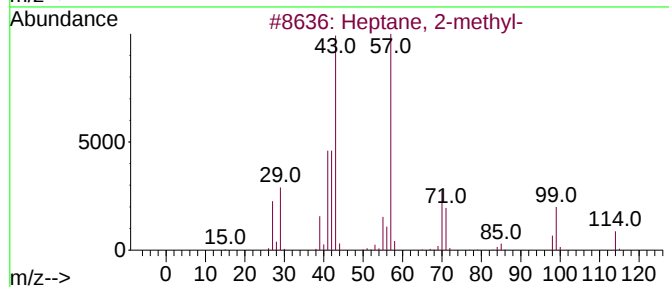
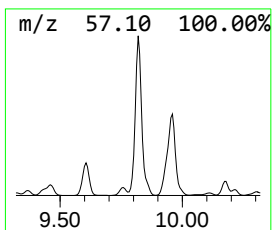
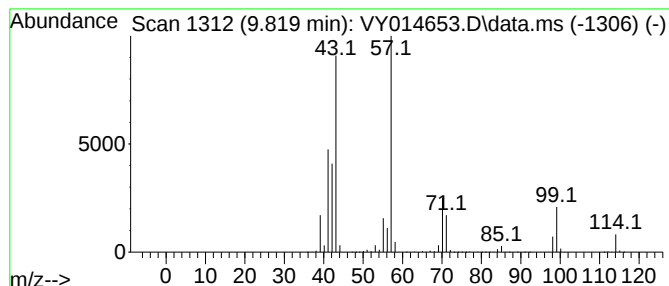
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Quant Title : SW846 8260

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

Peak Number 6 Heptane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.819	370.41 ug/l	21515200	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2			2-Piperidinone	99	C5H9NO	000675-20-7	59
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
4			1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	38
5			Butane, 1-(ethenyl)-3-methyl-	114	C7H14O	039782-38-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

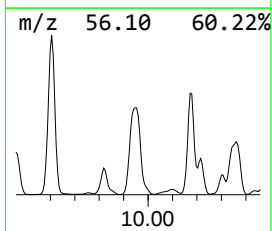
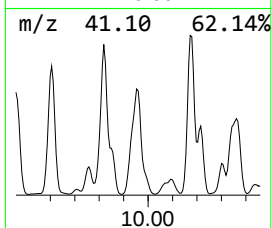
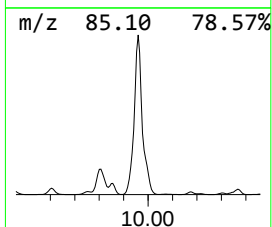
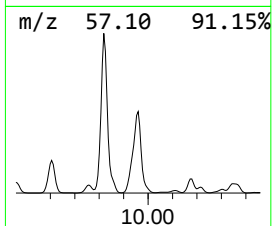
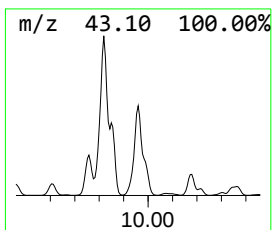
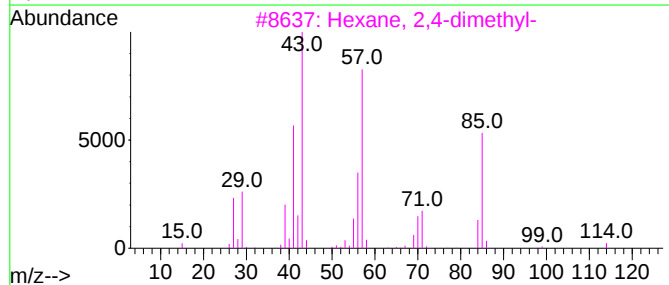
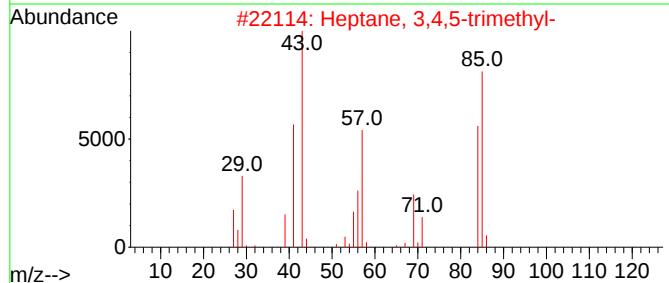
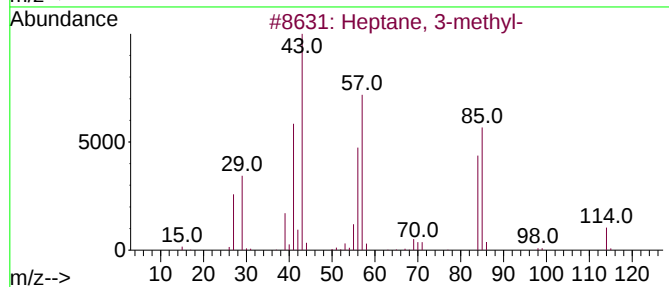
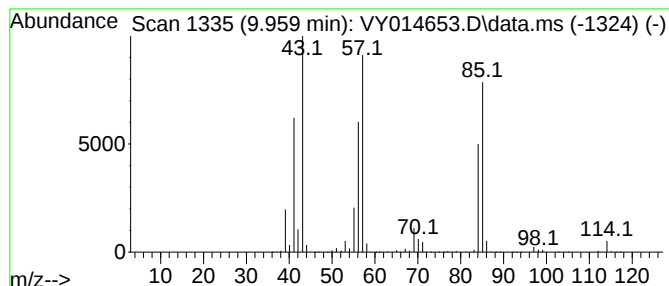
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	432.86 ug/l	25142800	1,4-Difluorobenzene	8.685

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4		4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	59
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

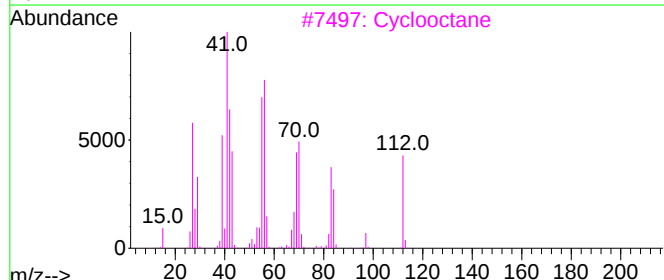
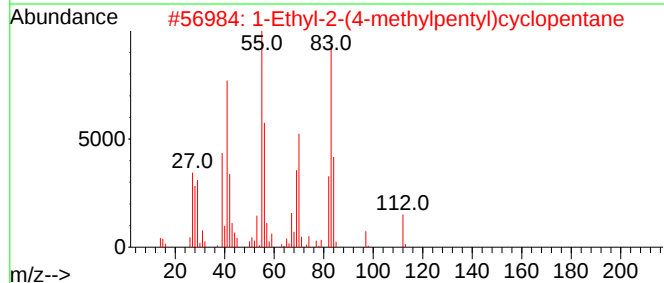
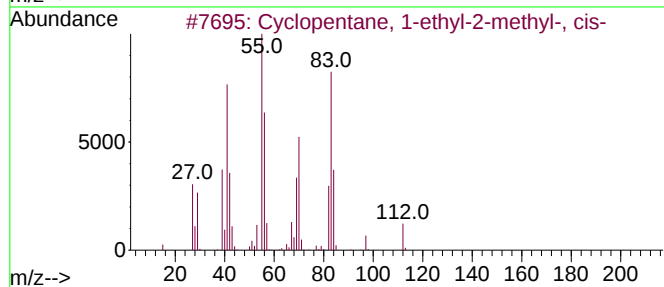
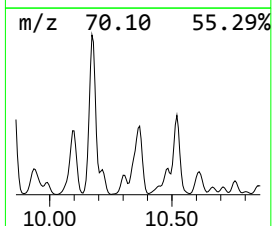
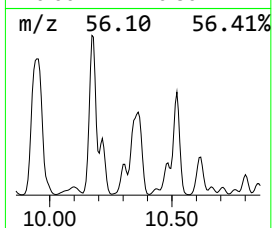
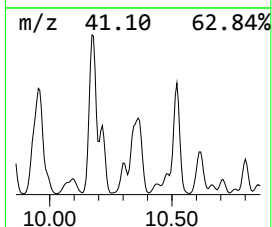
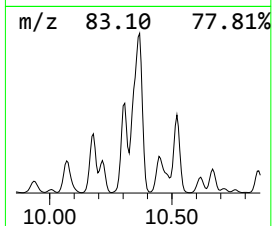
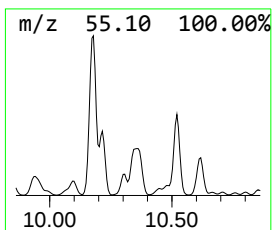
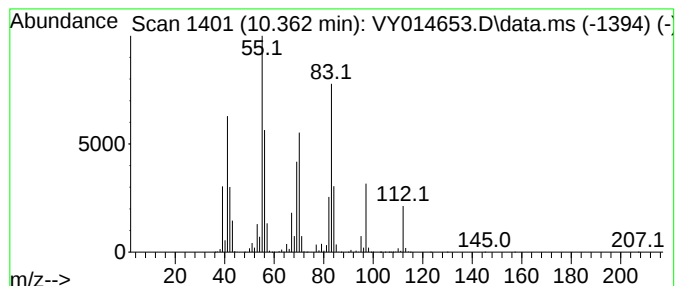
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Quant Title : SW846 8260

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

Peak Number 8 Cyclopentane, 1-ethyl-2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.361	773.00 ug/l	22671100	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	86
2			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	72
3			Cyclooctane	112	C8H16	000292-64-8	60
4			2-Octene, (Z)-	112	C8H16	007642-04-8	49
5			2-Octene	112	C8H16	000111-67-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

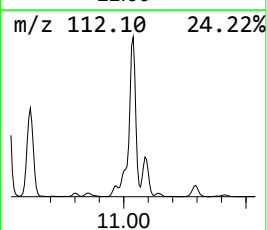
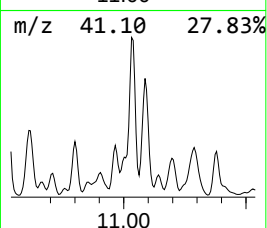
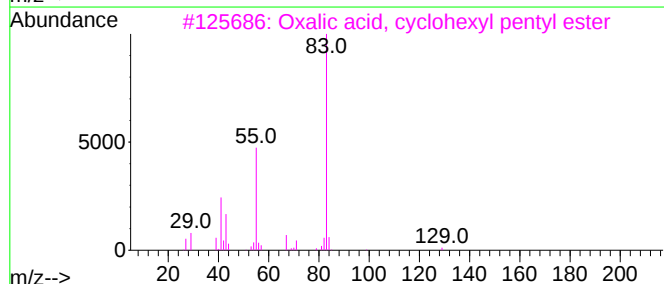
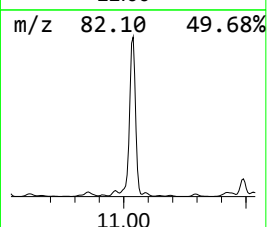
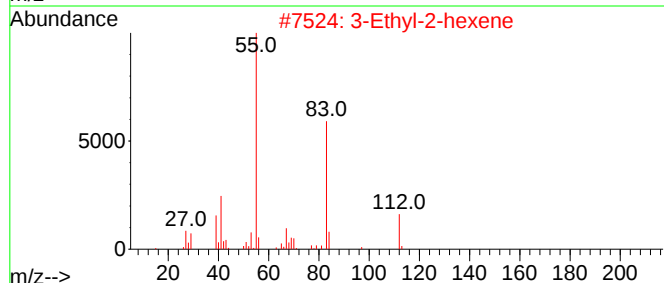
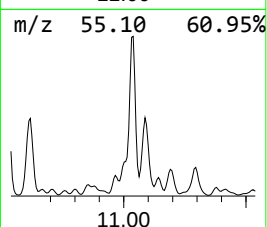
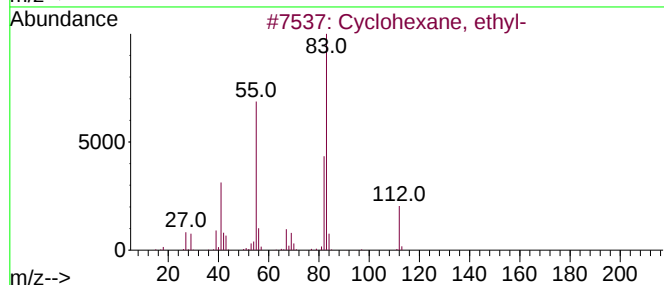
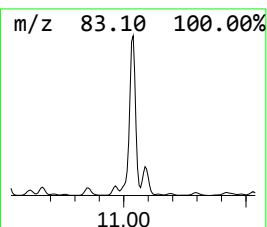
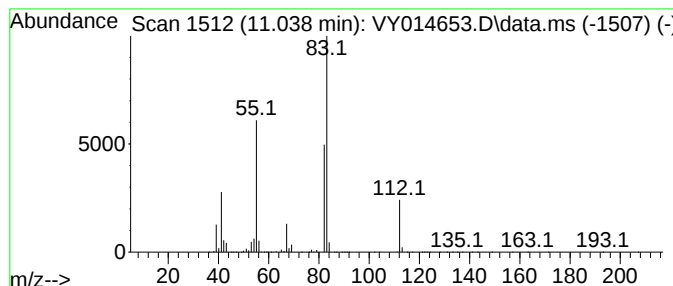
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	614.95 ug/l	18035800	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2			3-Ethyl-2-hexene	112	C8H16	000620-00-8	53
3			Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	50
4			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	50
5			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

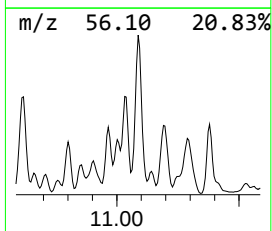
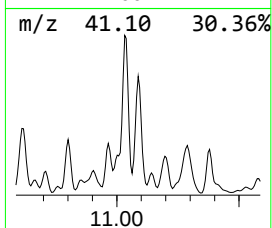
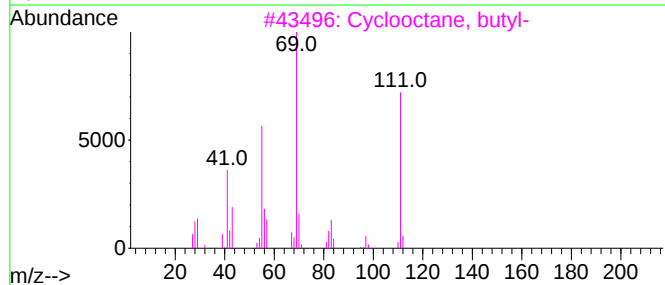
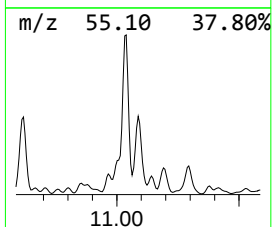
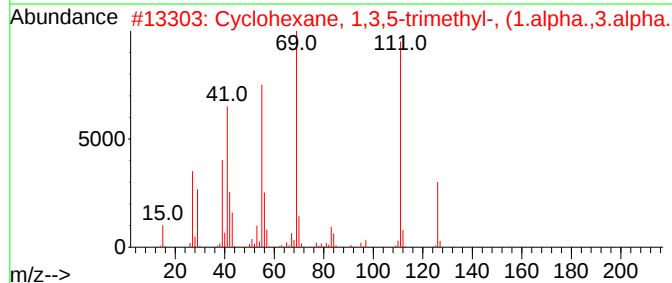
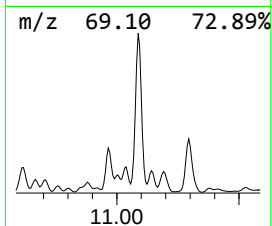
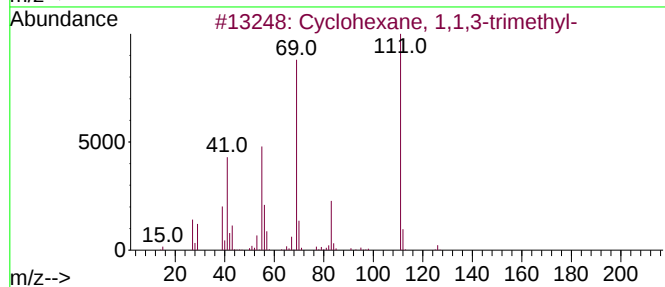
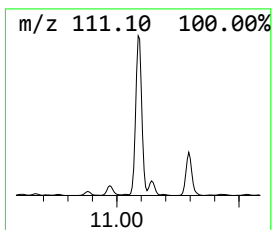
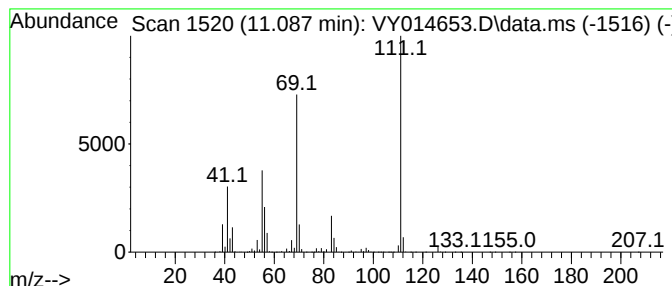
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.087	508.80 ug/l	14922300	Chlorobenzene-d5	11.489	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	64
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
5	p-Fluoroaniline	111	C6H6FN	000371-40-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014653.D
Acq On : 14 Jul 2023 17:27
Operator : SY/MD
Sample : 03632-03
Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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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Cyclopentane, 1...	8.350	472.6	ug/l	27448600	2	8.685	2904280	50.0
Cyclopentane, 1...	8.417	854.8	ug/l	49648700	2	8.685	2904280	50.0
Cyclopentane, 1...	9.459	406.0	ug/l	23582100	2	8.685	2904280	50.0
Cyclopentane, 1...	9.606	437.6	ug/l	25418500	2	8.685	2904280	50.0
Heptane, 2-methyl-	9.819	370.4	ug/l	21515200	2	8.685	2904280	50.0
Heptane, 3-methyl-	9.959	432.9	ug/l	25142800	2	8.685	2904280	50.0
Cyclopentane, 1...	10.361	773.0	ug/l	22671100	3	11.489	1466440	50.0
Cyclohexane, et...	11.038	615.0	ug/l	18035800	3	11.489	1466440	50.0
Cyclohexane, 1...	11.087	508.8	ug/l	14922300	3	11.489	1466440	50.0