

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031841.D
 Acq On : 14 Jul 2025 11:38
 Operator : SY/MD
 Sample : Q2503-04
 Misc : 5.06g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

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_W\Method\82W063025S.M
 Title : SW846 8260

Signal : TIC: VW031841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	186	196	217	rBV	638235	1862571	4.92%	0.890%
2	3.436	246	254	274	rVB	174313	492296	1.30%	0.235%
3	4.161	357	373	396	rVB4	114422	457656	1.21%	0.219%
4	4.996	485	510	544	rBV2	1364216	7994883	21.10%	3.821%
5	5.478	571	589	620	rBV	2255204	8772267	23.15%	4.192%
6	5.972	658	670	692	rVB	901001	2758676	7.28%	1.318%
7	6.752	785	798	812	rBV4	144343	510441	1.35%	0.244%
8	6.905	812	823	829	rVV	220479	714514	1.89%	0.341%
9	7.008	829	840	862	rVV	6155614	19538746	51.56%	9.337%
10	7.715	949	956	974	rVB	189797	548975	1.45%	0.262%
11	7.971	974	998	1006	rBV2	4868700	15242671	40.23%	7.284%
12	8.051	1006	1011	1022	rVB	925542	2456615	6.48%	1.174%
13	8.173	1022	1031	1036	rBV	1031807	2477274	6.54%	1.184%
14	8.240	1036	1042	1051	rVV	1252230	3292902	8.69%	1.574%
15	8.325	1051	1056	1066	rVB	165187	396554	1.05%	0.190%
16	8.447	1066	1076	1082	rBV	4682995	11209604	29.58%	5.357%
17	8.520	1082	1088	1093	rVV	4549970	10258643	27.07%	4.903%
18	8.587	1093	1099	1110	rVB	5591392	13152341	34.71%	6.285%
19	8.703	1110	1118	1130	rVB	734870	1571858	4.15%	0.751%
20	8.849	1132	1142	1147	rBV2	1192499	2847016	7.51%	1.361%
21	8.892	1147	1149	1155	rVB	505571	765255	2.02%	0.366%
22	9.124	1183	1187	1206	rVB	295813	650160	1.72%	0.311%
23	9.343	1207	1223	1240	rBV	15075697	37893261	100.00%	18.109%
24	9.526	1240	1253	1260	rBV	2389295	4538656	11.98%	2.169%
25	9.617	1260	1268	1275	rVB	597080	1186998	3.13%	0.567%
26	9.758	1281	1291	1300	rVB3	1024318	2329723	6.15%	1.113%
27	9.855	1300	1307	1313	rBV	2149956	4103670	10.83%	1.961%
28	9.910	1313	1316	1321	rVV3	328583	567522	1.50%	0.271%
29	10.087	1339	1345	1358	rBV3	397844	910130	2.40%	0.435%
30	10.209	1358	1365	1370	rBV	991870	1907579	5.03%	0.912%
31	10.325	1377	1384	1389	rBV2	1944063	3941674	10.40%	1.884%
32	10.508	1407	1414	1423	rVB4	905675	2704646	7.14%	1.293%
33	10.666	1435	1440	1447	rVB	1056199	1842497	4.86%	0.881%
34	10.751	1447	1454	1463	rVB4	1010317	2610418	6.89%	1.247%
35	11.014	1487	1497	1501	rBV4	248138	545041	1.44%	0.260%
36	11.062	1501	1505	1508	rVV	270877	456792	1.21%	0.218%

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Integrator: RTE

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Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	11.099	1508	1511	1514	rVV2	230299	391149	1.03%	0.187%
38	11.142	1514	1518	1521	rVV2	507350	932823	2.46%	0.446%
39	11.178	1521	1524	1529	rVV	570754	955545	2.52%	0.457%
40	11.233	1529	1533	1538	rVB	240198	388633	1.03%	0.186%
41	11.635	1592	1599	1604	rBV2	679946	1205465	3.18%	0.576%
42	11.727	1609	1614	1624	rVB2	643184	1192654	3.15%	0.570%
43	11.837	1624	1632	1638	rBV	1971996	3895732	10.28%	1.862%
44	12.166	1675	1686	1703	rVB	391486	837355	2.21%	0.400%
45	12.464	1729	1735	1740	rBV	764825	1224571	3.23%	0.585%
46	12.617	1754	1760	1768	rBV2	382108	644372	1.70%	0.308%
47	12.800	1780	1790	1795	rBV	1277992	1990088	5.25%	0.951%
48	12.861	1795	1800	1803	rVV	925635	1561119	4.12%	0.746%
49	12.897	1803	1806	1809	rVV	1198670	1773240	4.68%	0.847%
50	12.940	1809	1813	1823	rVB	1698012	2643114	6.98%	1.263%
51	13.099	1833	1839	1848	rVB	1002816	1630519	4.30%	0.779%
52	13.245	1857	1863	1877	rVB	4411448	6828841	18.02%	3.263%
53	13.580	1908	1918	1925	rVB2	2200490	4109518	10.84%	1.964%
54	13.757	1942	1947	1962	rVB2	1139537	2348380	6.20%	1.122%
55	14.202	2015	2020	2027	rVB2	495571	789512	2.08%	0.377%
56	14.799	2110	2118	2125	rBV2	203166	398826	1.05%	0.191%

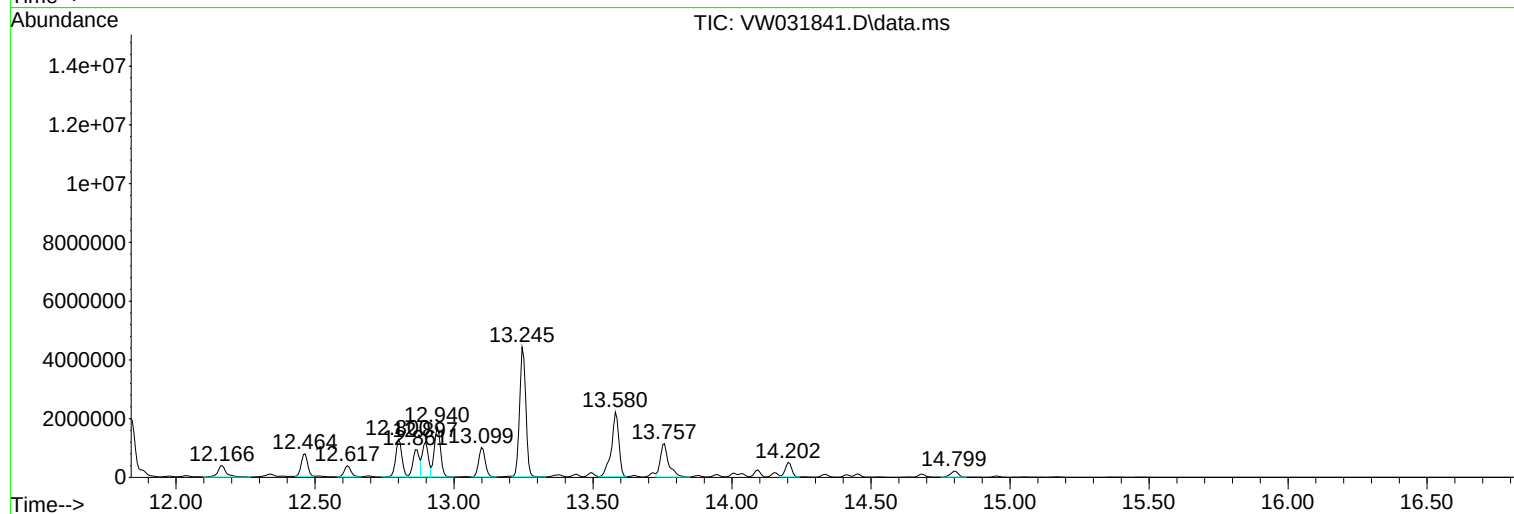
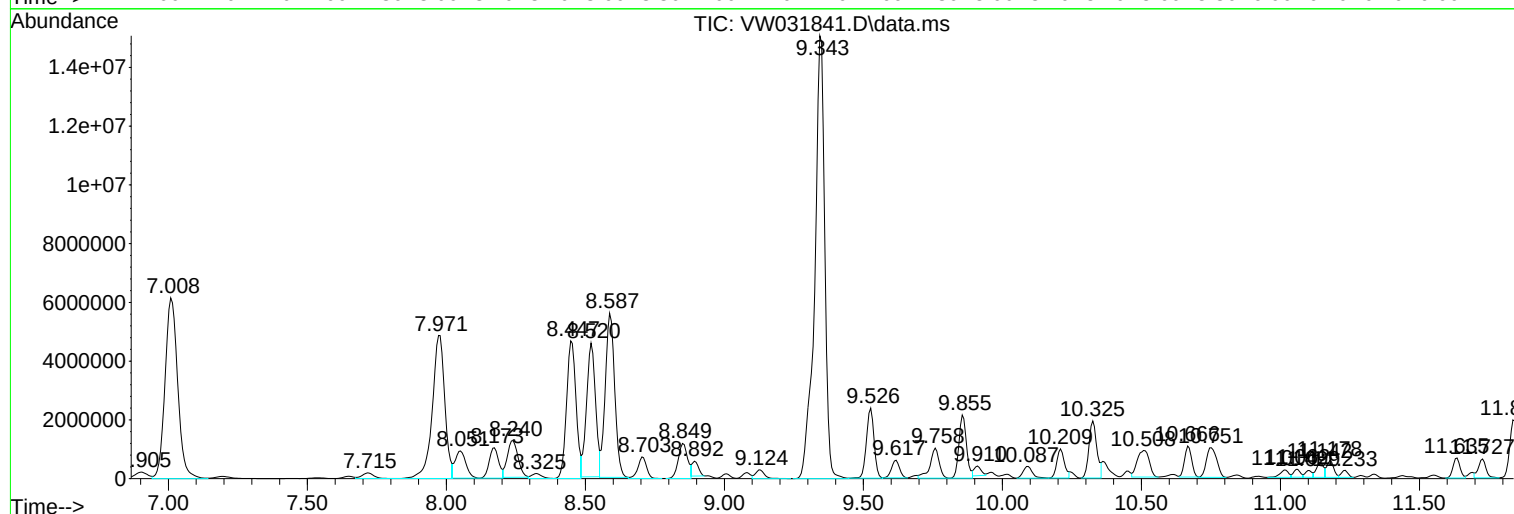
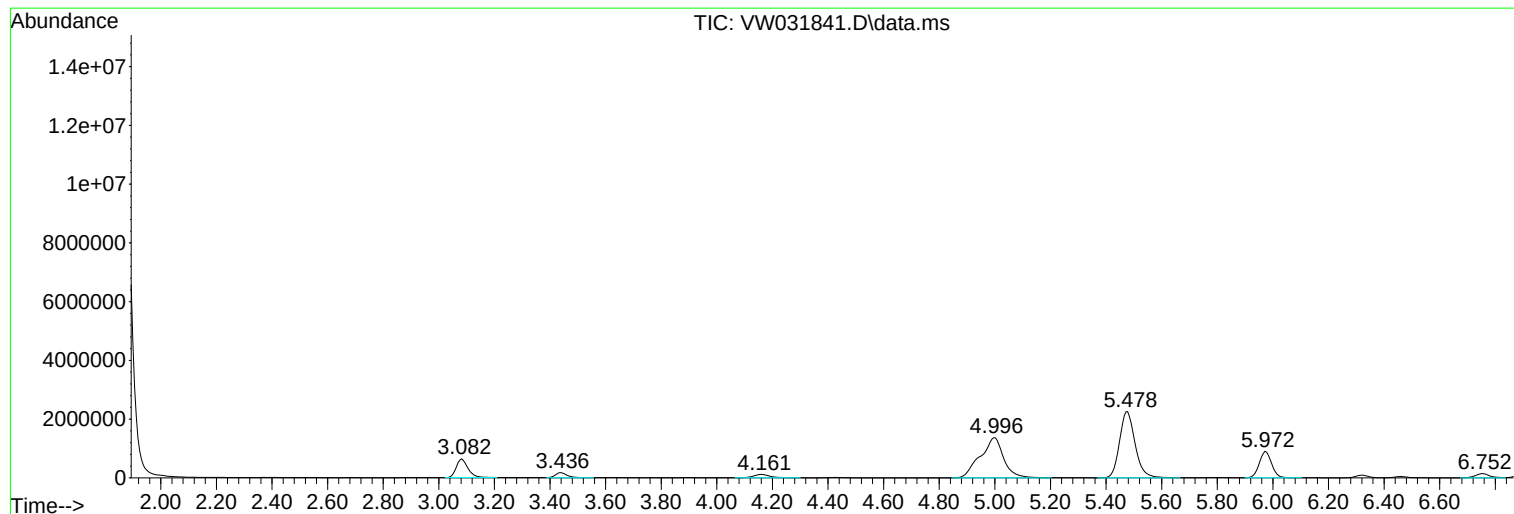
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Quant Title : SW846 8260

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



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Instrument :
MSVOA_W
ClientSampleId :
GCAP3

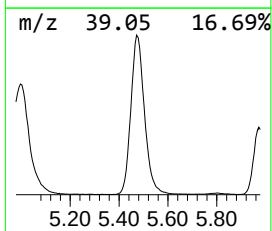
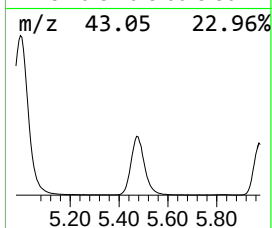
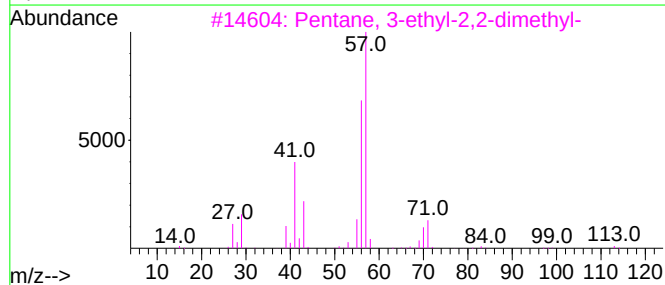
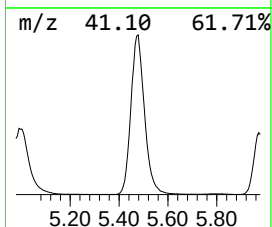
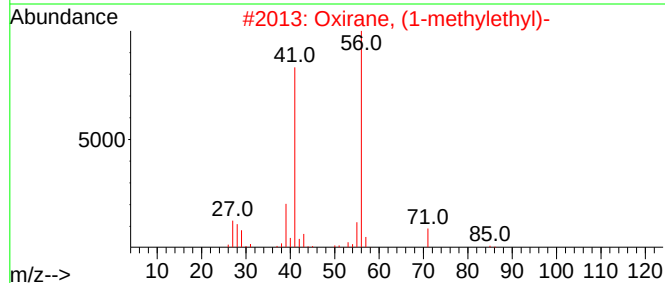
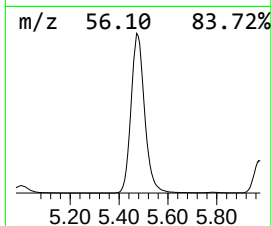
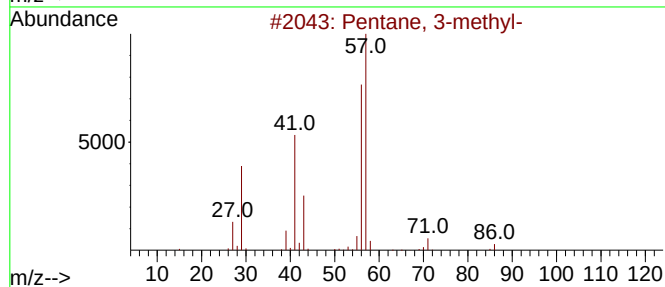
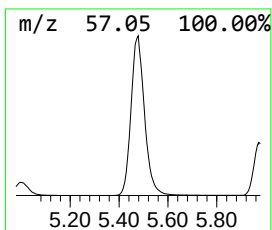
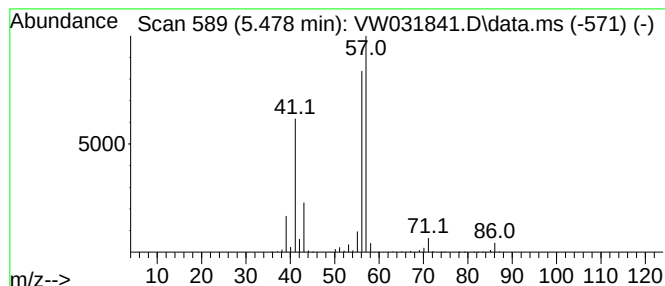
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.478	28.78 ug/l	8772270	Pentafluorobenzene	7.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
3			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
5			Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40



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ALS Vial : 7 Sample Multiplier: 1

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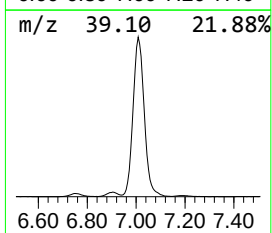
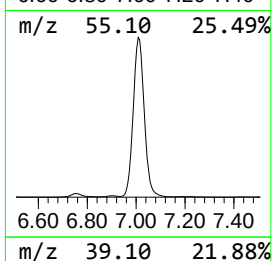
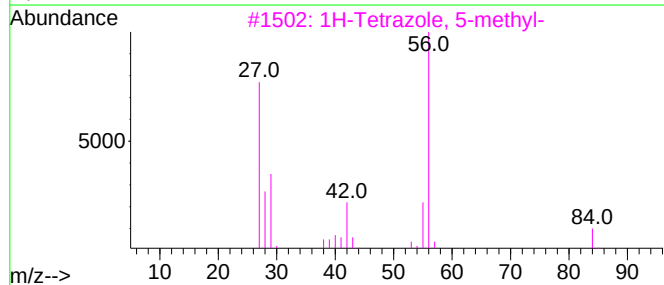
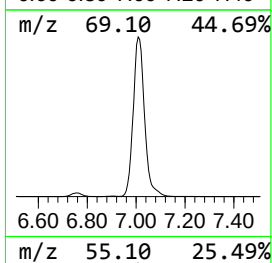
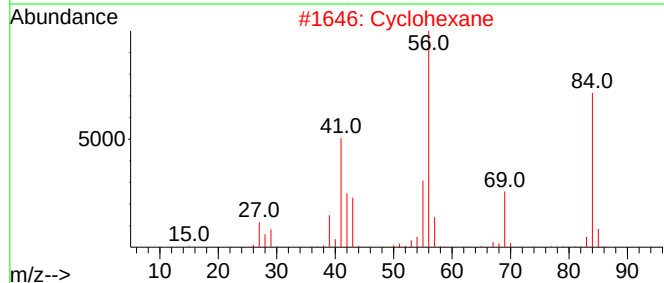
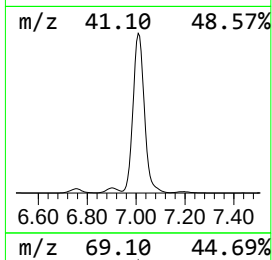
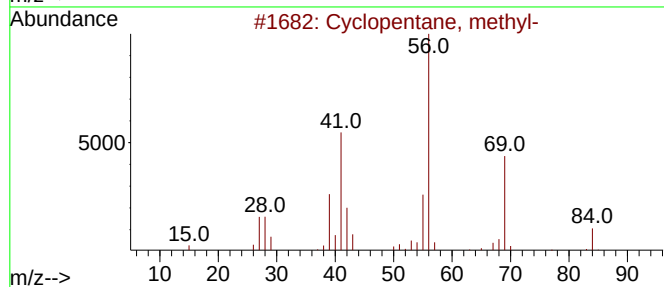
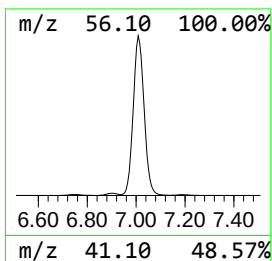
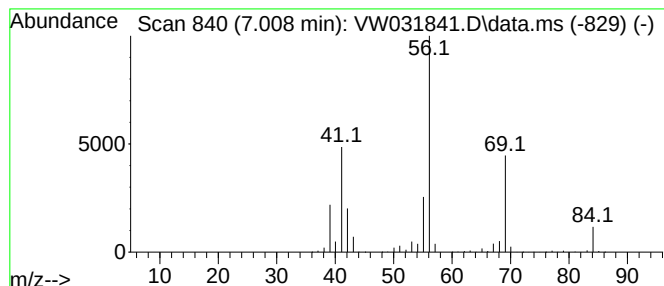
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	64.09 ug/l	19538700	Pentafluorobenzene	7.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclohexane	84	C6H12	000110-82-7	78
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
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Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

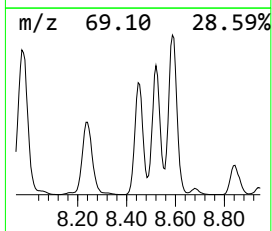
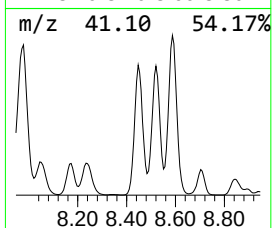
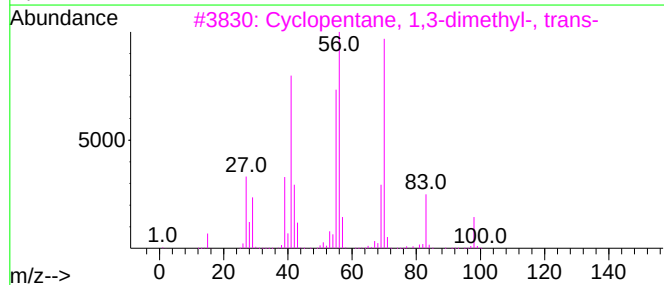
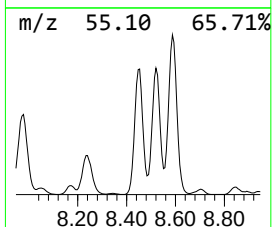
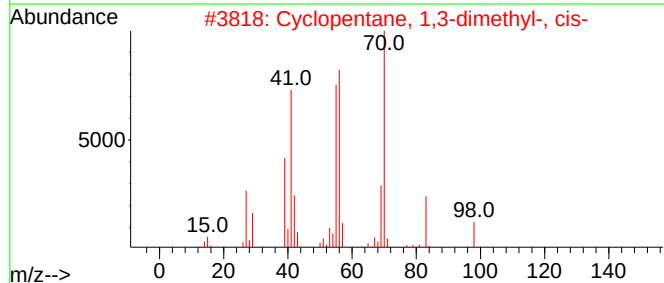
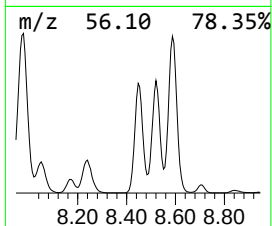
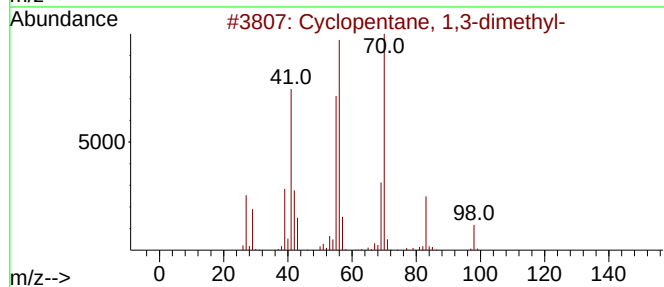
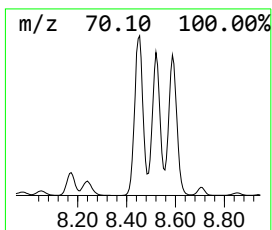
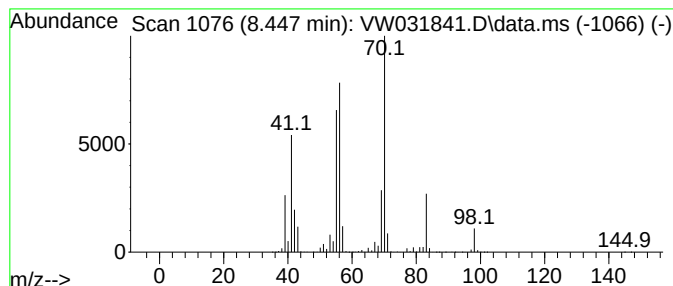
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	196.87 ug/l	11209600	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5			Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72



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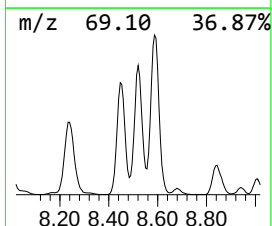
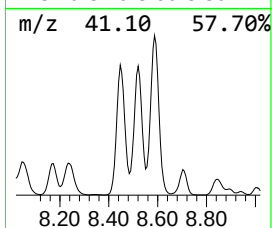
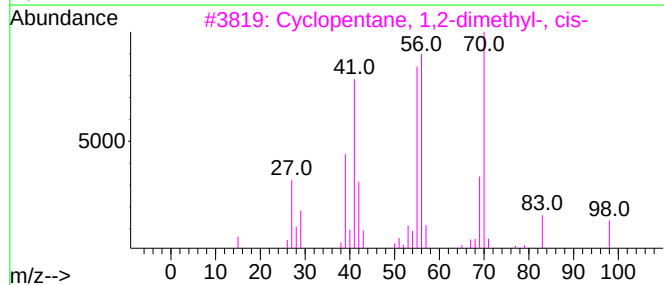
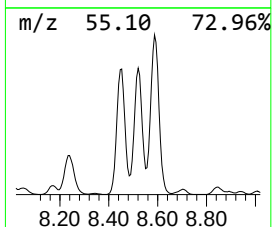
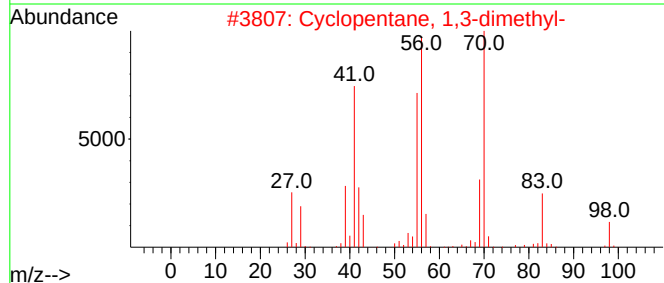
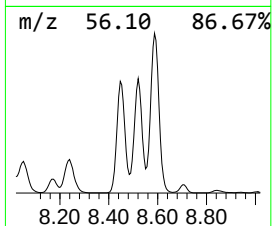
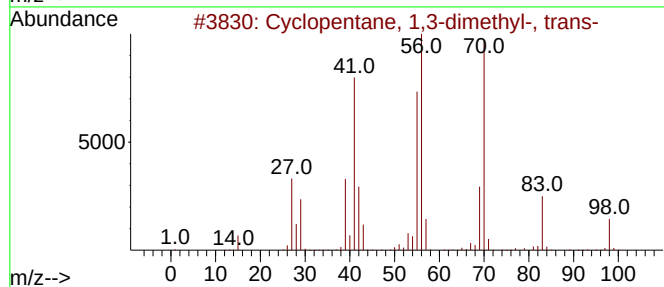
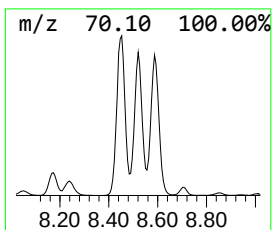
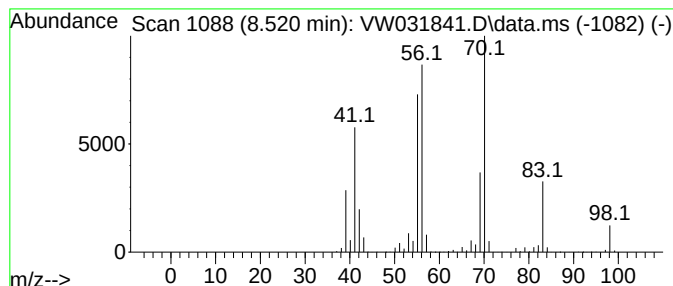
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.520	180.16 ug/l	10258600	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	76
5			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53



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GCAP3

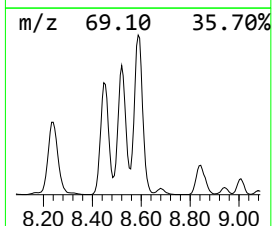
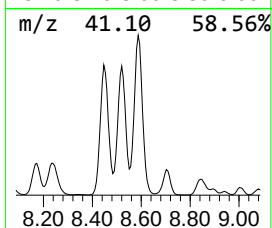
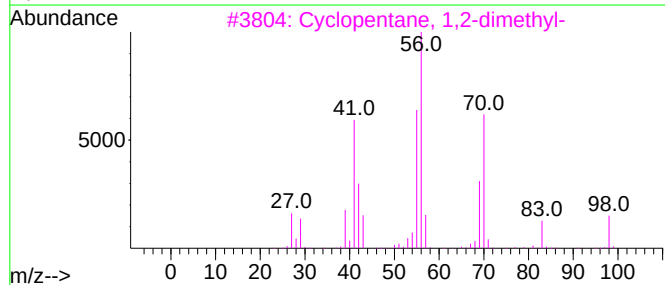
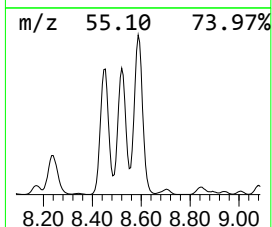
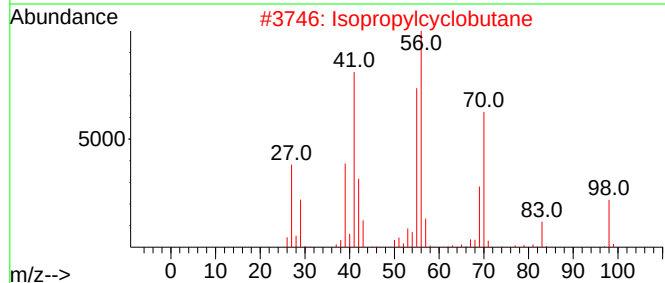
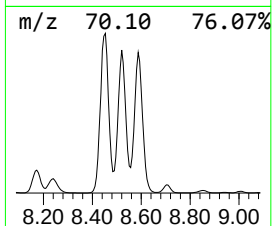
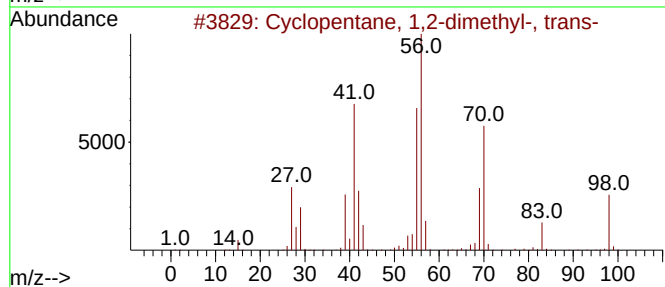
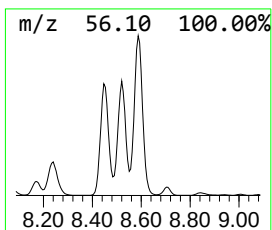
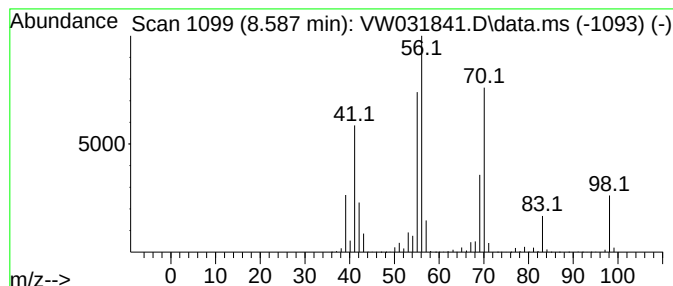
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	230.99 ug/l	13152300	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2			Isopropylcyclobutane	98	C7H14	000872-56-0	94
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

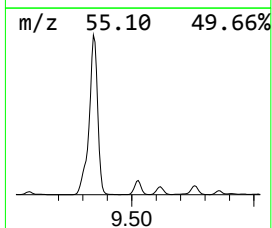
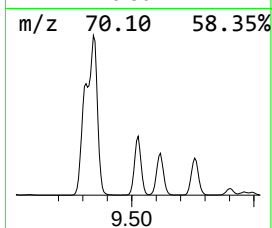
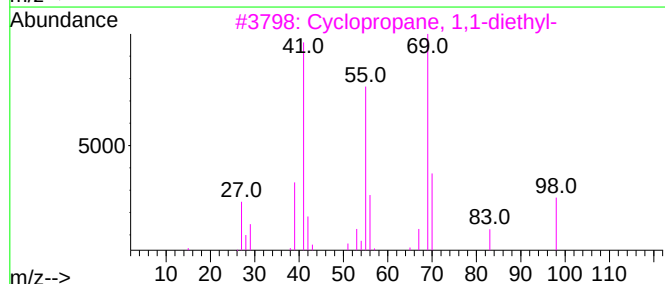
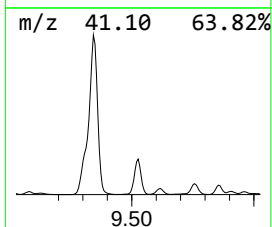
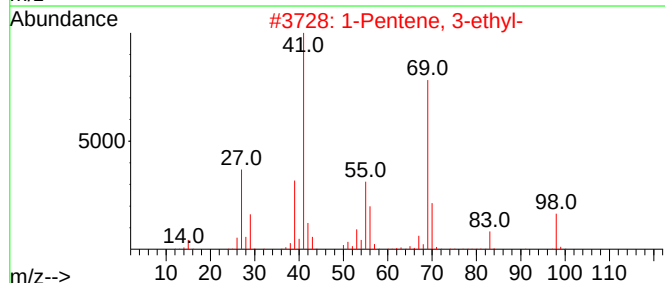
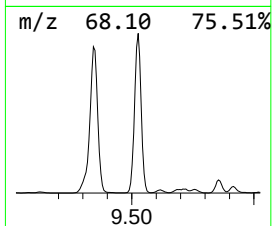
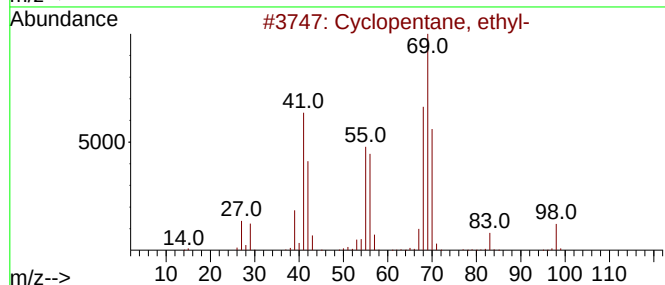
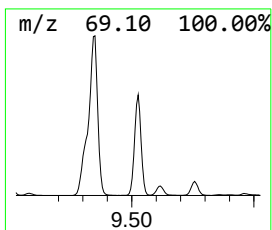
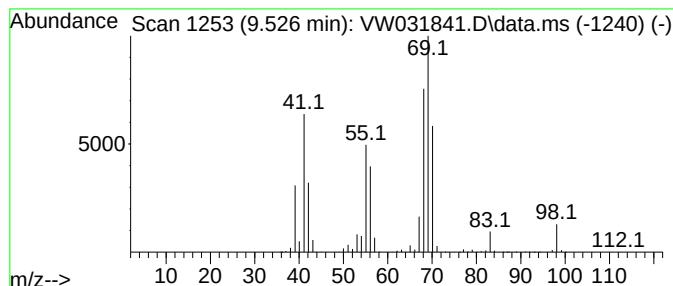
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.526	79.71 ug/l	4538660	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
2			1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
3			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4			3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

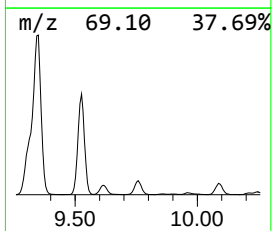
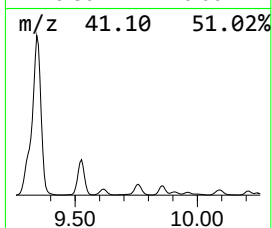
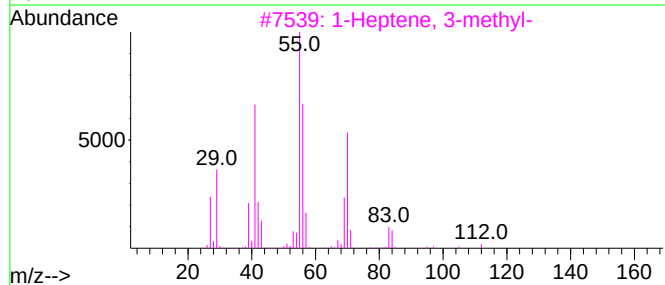
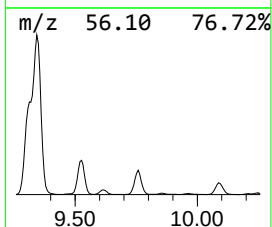
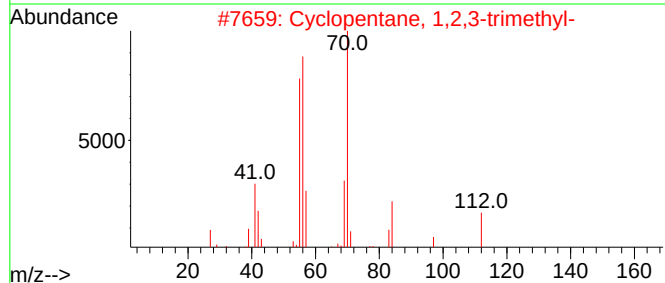
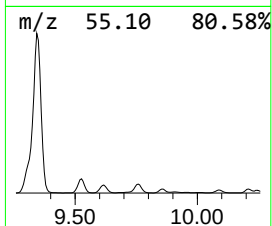
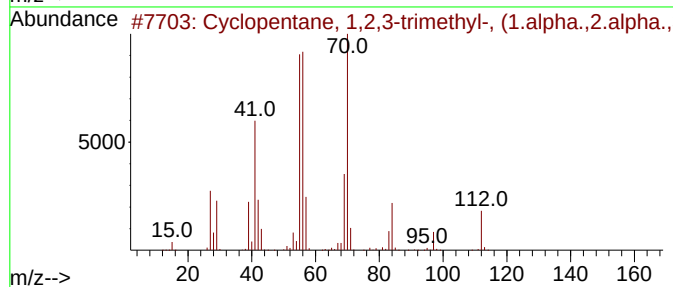
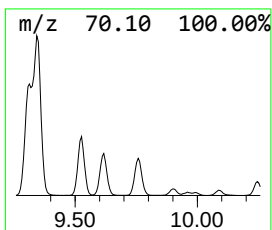
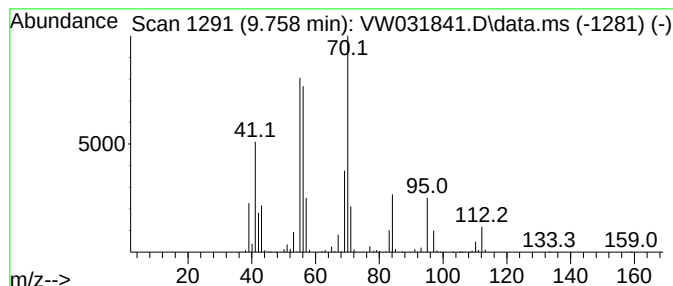
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	40.92 ug/l	2329720	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	76
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
5			2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

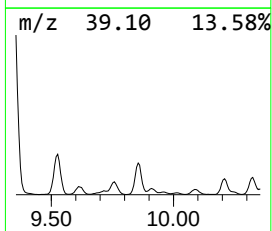
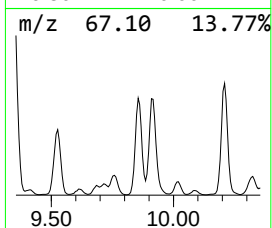
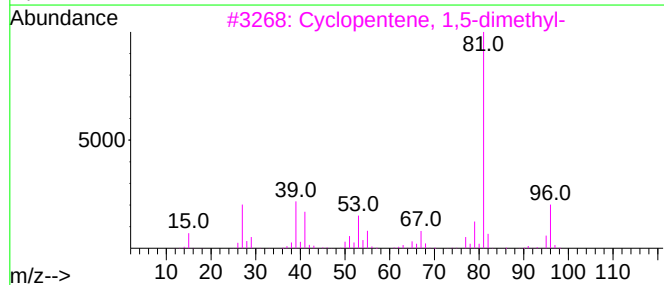
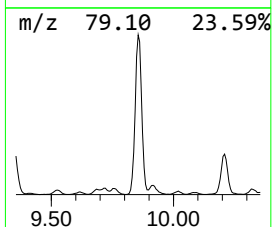
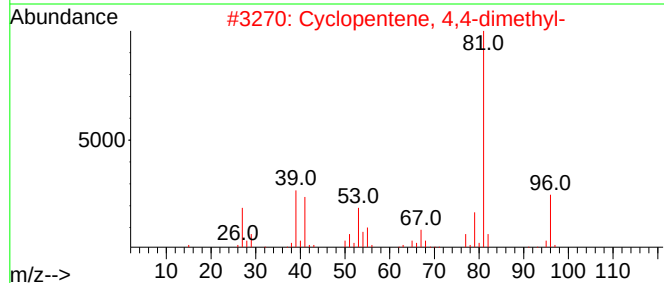
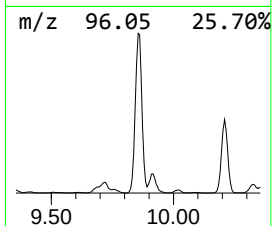
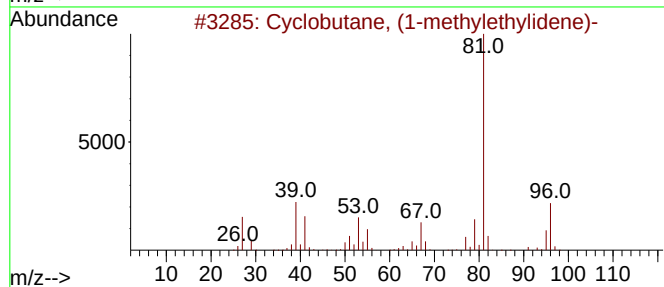
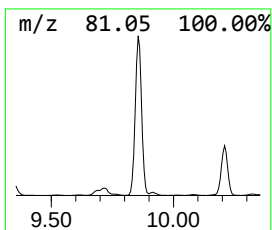
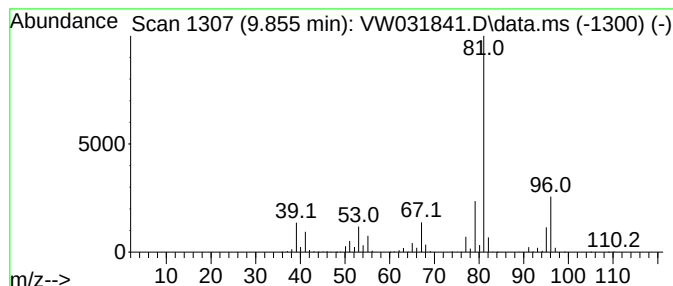
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Quant Title : SW846 8260

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

Peak Number 8 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	72.07 ug/l	4103670	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	90
3			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4			Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
5			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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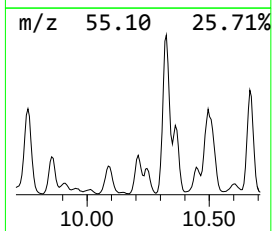
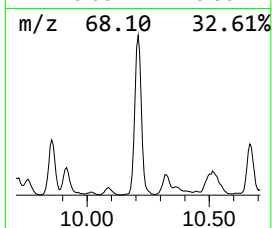
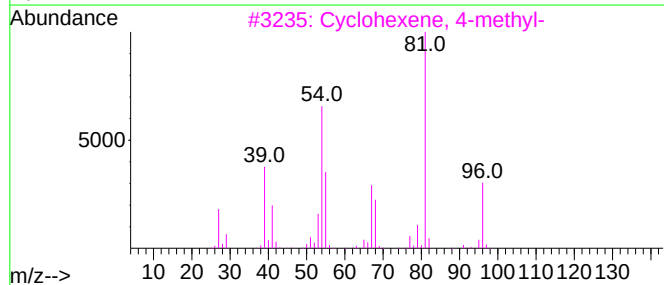
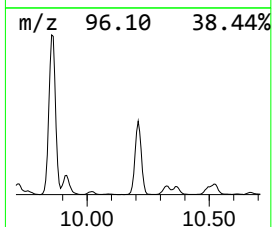
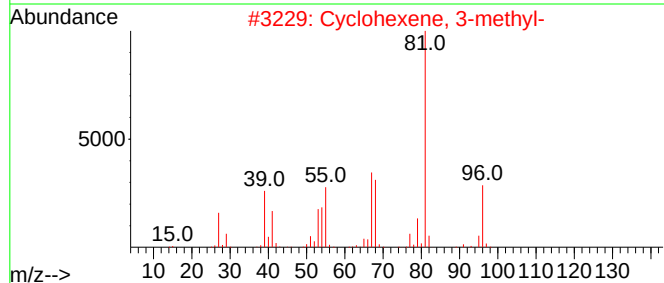
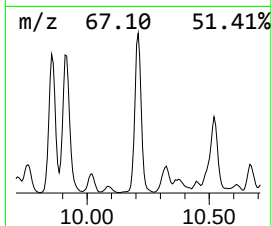
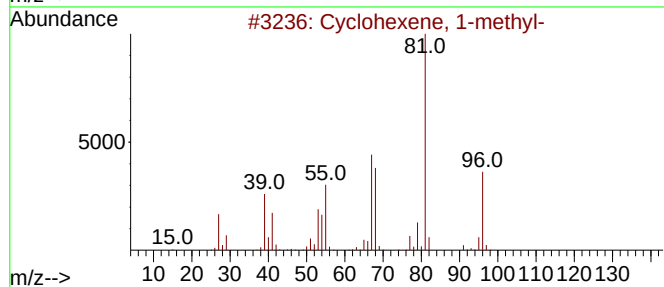
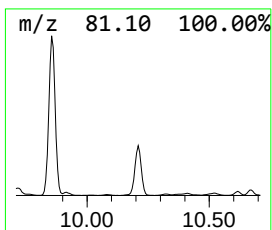
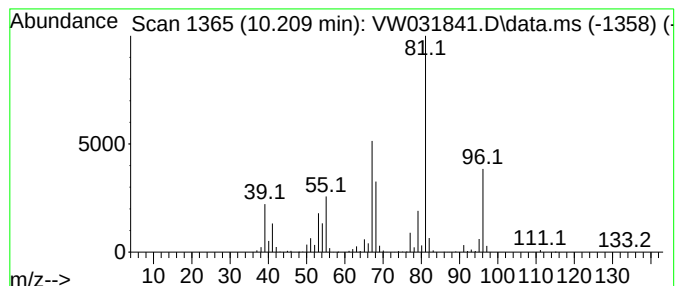
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.209	33.50 ug/l	1907580	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
4			1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	68
5			Cyclohexane, methylene-	96	C7H12	001192-37-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

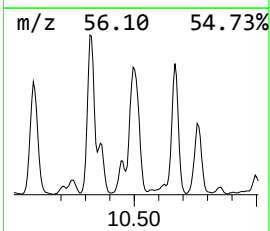
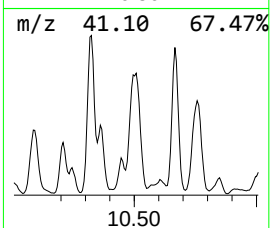
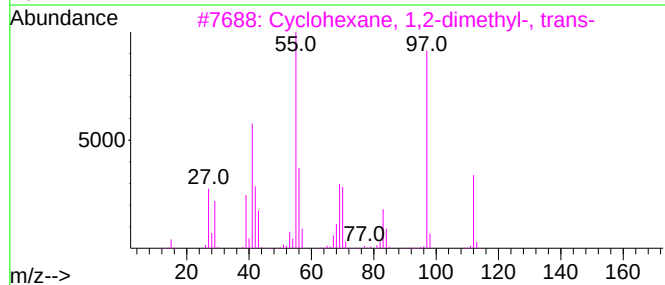
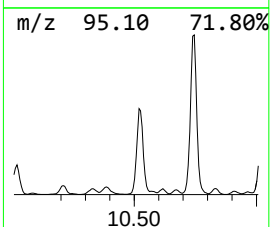
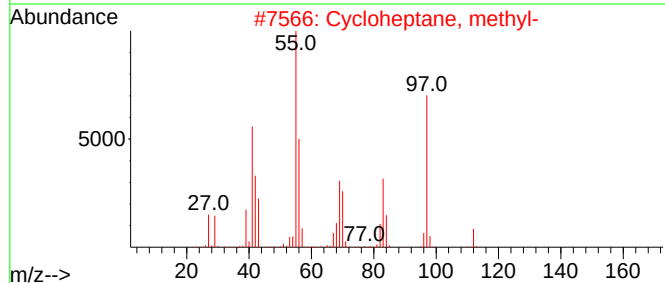
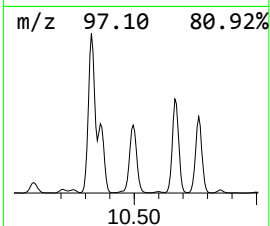
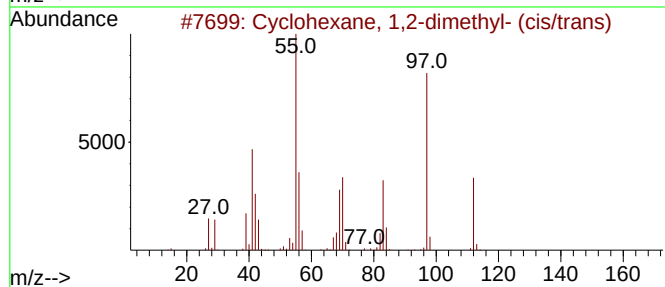
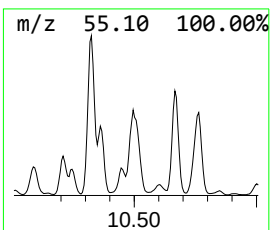
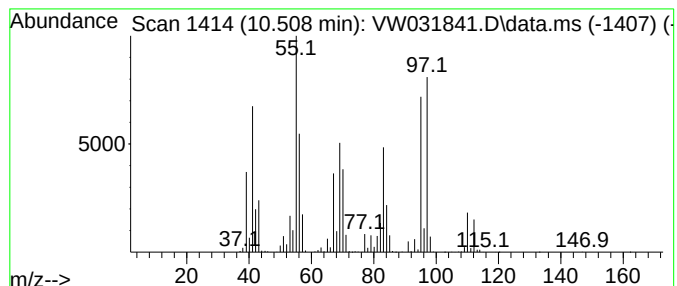
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	112.18 ug/l	2704650	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	62
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

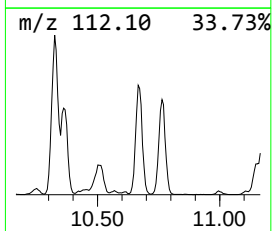
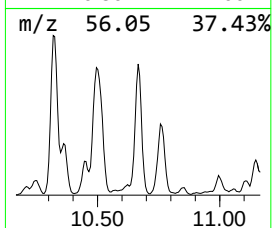
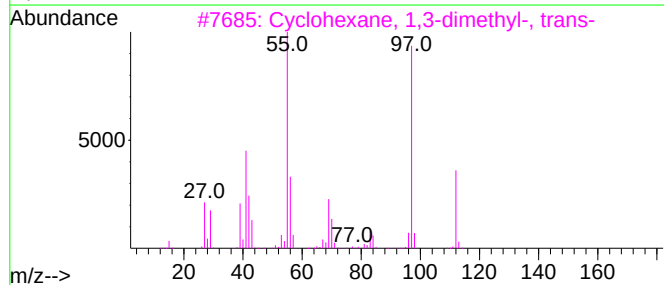
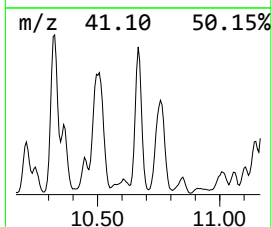
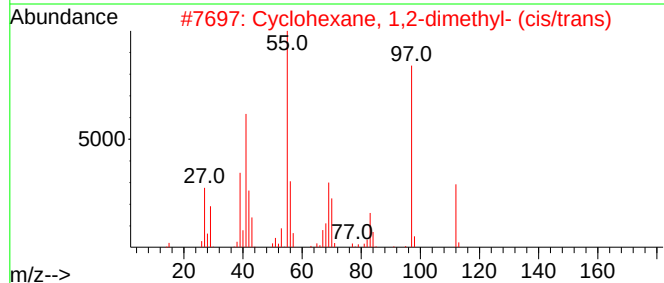
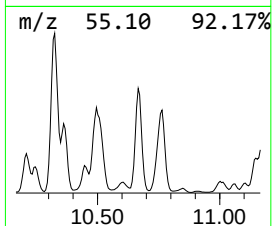
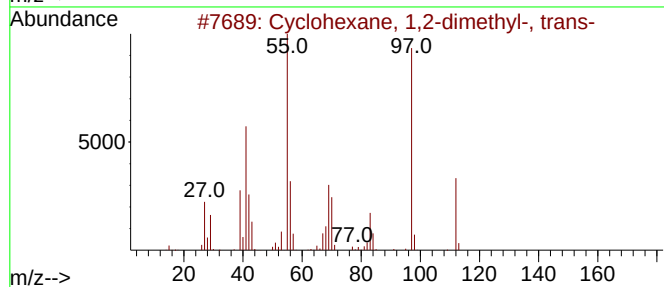
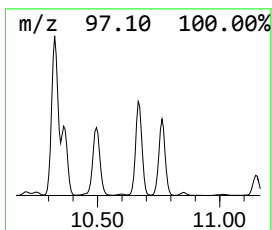
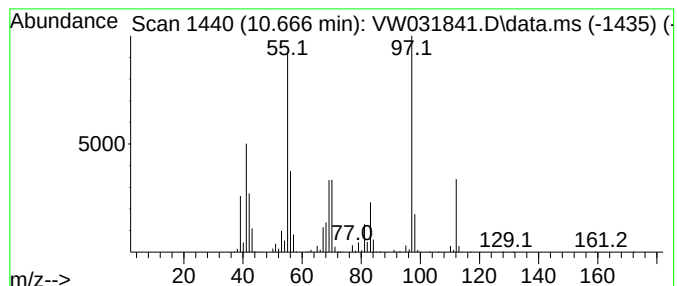
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Quant Title : SW846 8260

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

Peak Number 11 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	76.42 ug/l	1842500	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
5			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

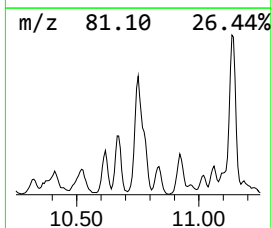
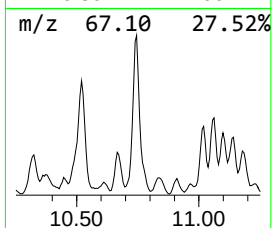
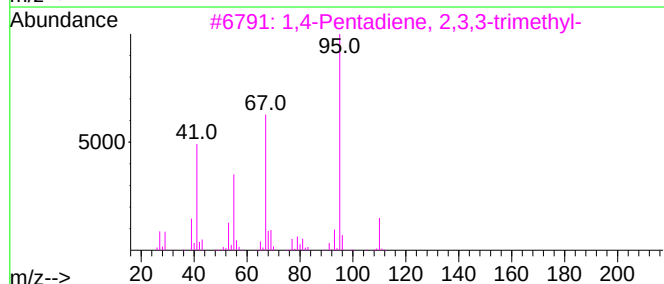
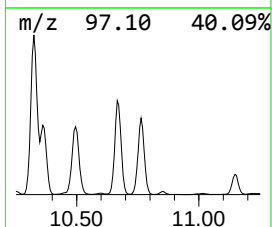
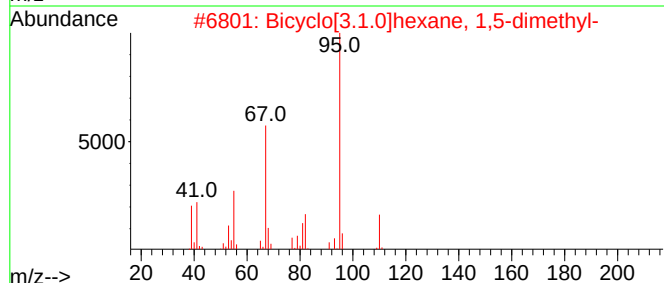
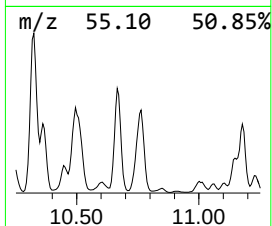
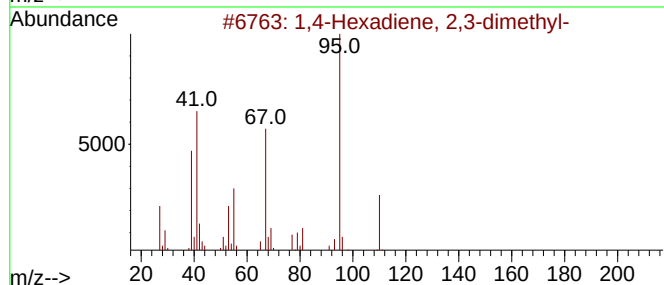
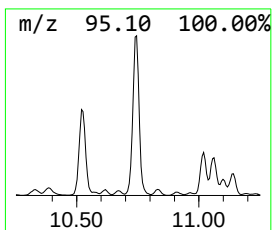
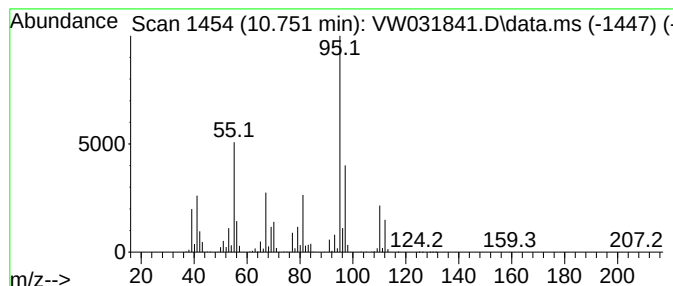
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 12 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.751	108.27 ug/l	2610420	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	62
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	55
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	49
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

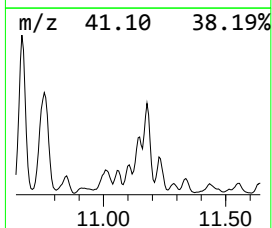
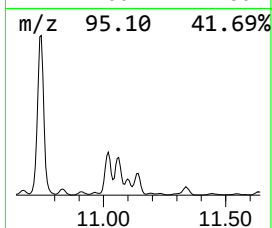
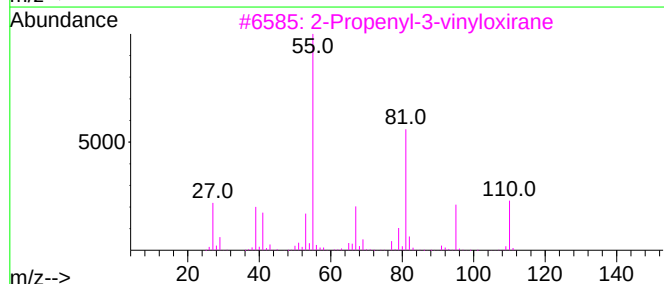
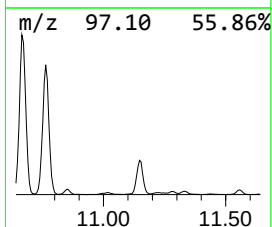
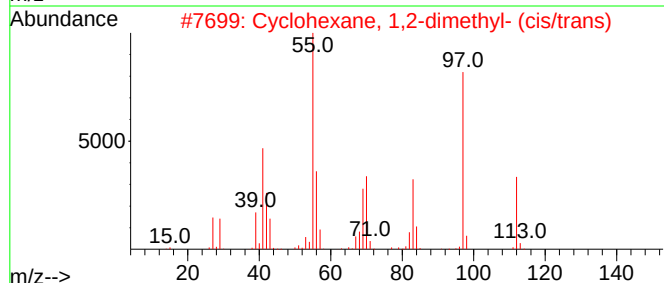
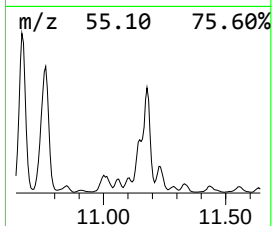
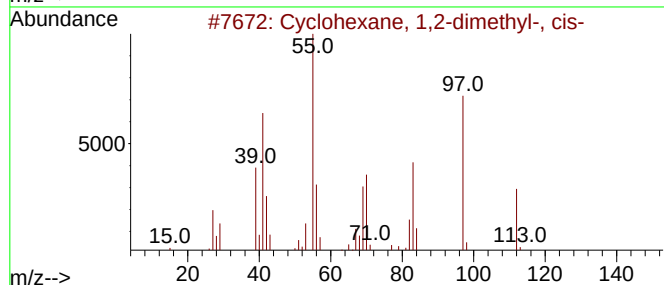
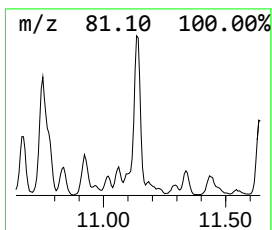
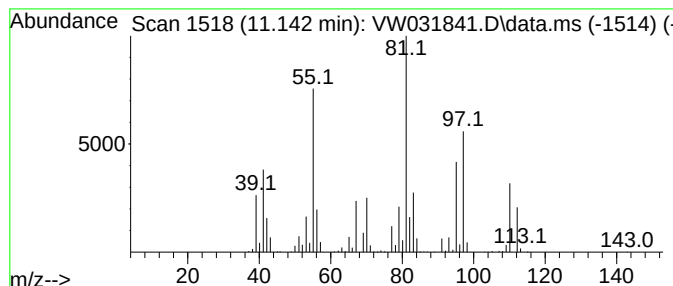
Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 13 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.142	38.69 ug/l	932823	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	43
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

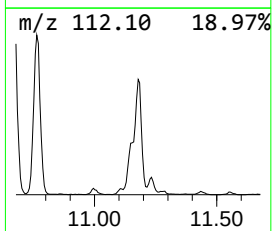
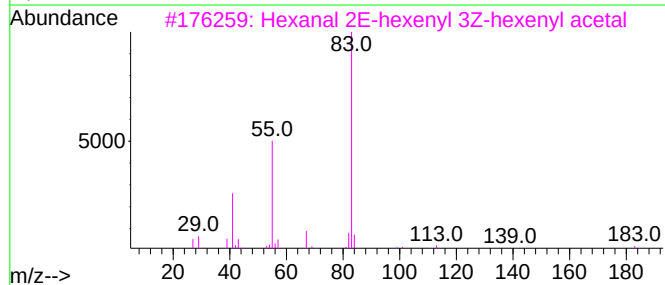
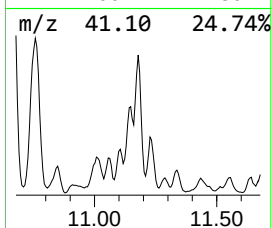
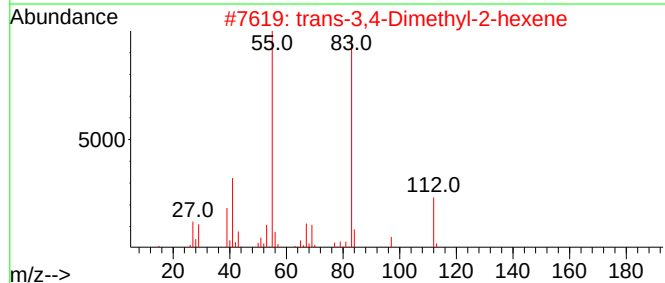
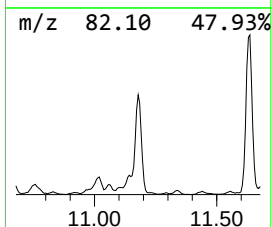
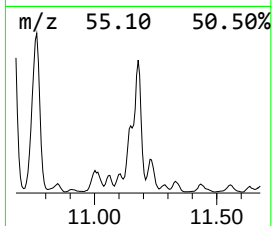
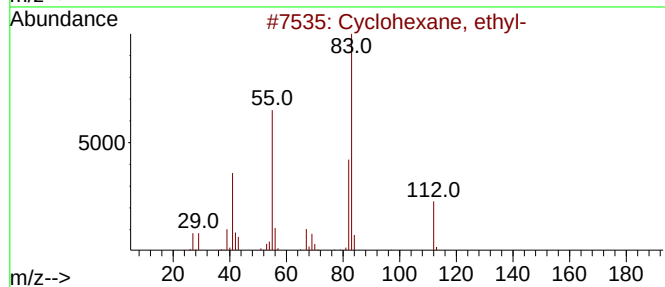
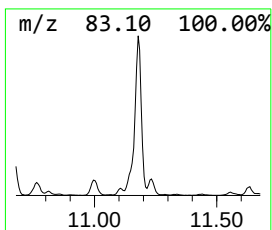
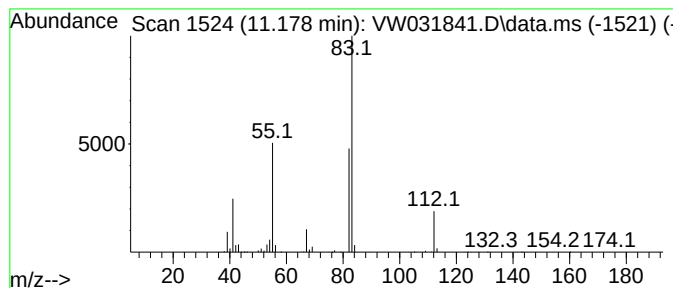
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 14 Cyclohexane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	39.63 ug/l	955545	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	50
3			Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	50
4			Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	50
5			4-Oxohex-2-enal	112	C6H8O2	020697-55-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

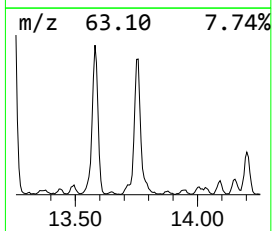
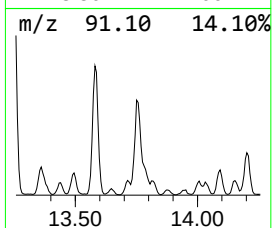
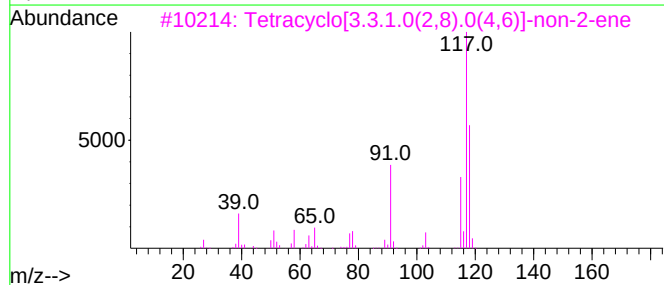
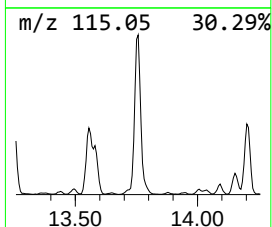
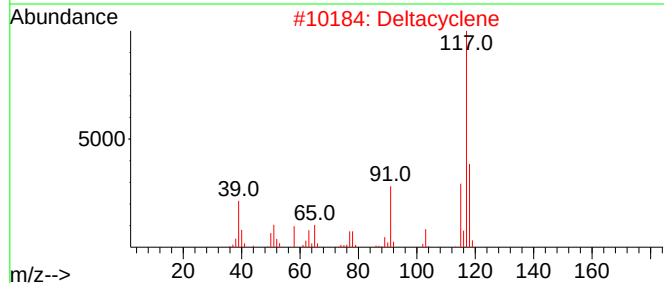
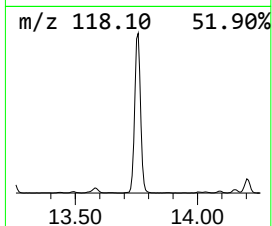
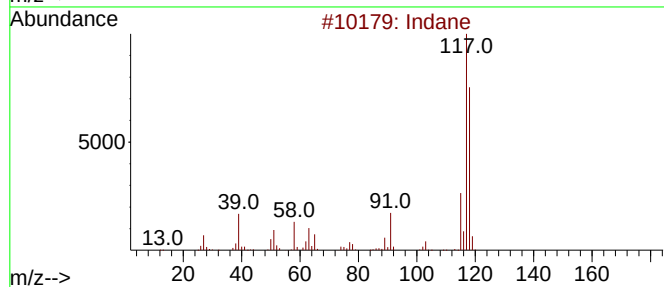
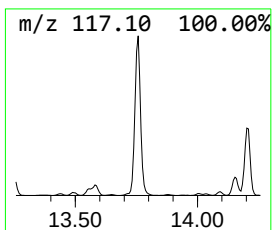
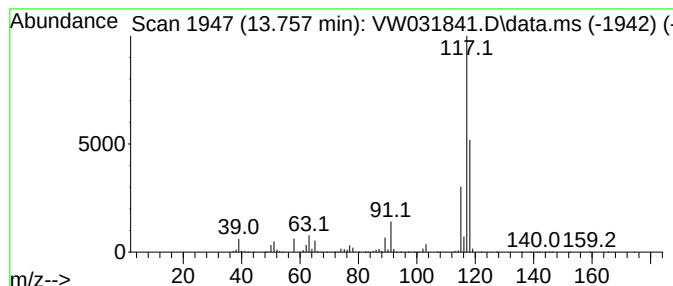
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 15 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	28.57 ug/l	2348380	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Deltacyclene	118	C9H10	007785-10-6	64
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031841.D
 Acq On : 14 Jul 2025 11:38
 Operator : SY/MD
 Sample : Q2503-04
 Misc : 5.06g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.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
Pentane, 3-methyl-	5.478	28.8	ug/l	8772270	1	7.965	15242700	50.0
Cyclopentane, m...	7.008	64.1	ug/l	19538700	1	7.965	15242700	50.0
Cyclopentane, 1...	8.447	196.9	ug/l	11209600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.520	180.2	ug/l	10258600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.587	231.0	ug/l	13152300	2	8.855	2847020	50.0
Cyclopentane, e...	9.526	79.7	ug/l	4538660	2	8.855	2847020	50.0
Cyclopentane, 1...	9.758	40.9	ug/l	2329720	2	8.855	2847020	50.0
Cyclobutane, (1...	9.855	72.1	ug/l	4103670	2	8.855	2847020	50.0
Cyclohexene, 1-...	10.209	33.5	ug/l	1907580	2	8.855	2847020	50.0
Cyclohexane, 1,...	10.508	112.2	ug/l	2704650	3	11.629	1205470	50.0
Cyclohexane, 1,...	10.666	76.4	ug/l	1842500	3	11.629	1205470	50.0
1,4-Hexadiene, ...	10.751	108.3	ug/l	2610420	3	11.629	1205470	50.0
Cyclohexane, 1,...	11.142	38.7	ug/l	932823	3	11.629	1205470	50.0
Cyclohexane, et...	11.178	39.6	ug/l	955545	3	11.629	1205470	50.0
Indane	13.757	28.6	ug/l	2348380	4	13.556	4109520	50.0